

The Establishment History Panel

BHP 1.0

Agnes Dundler, Melanie Stamm, Silke Adler

Handbook Version 1.0.0

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Data Availability

The dataset described in this document is available for use by professional researchers. For further information, see “Establishment Data” on the website: <http://fdz.iab.de/>.

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1 Introduction

The Establishment History Panel was formed on the basis of the Employee and Benefit Recipient History (BLH), version 4.00, for the years 1993 to 2003. The BLH is made up of the social security agencies' processed notifications to the Federal Employment Agency (BA), combined with information on individuals who have received earnings-replacement benefits from the BA. In the standardised notifications on social security, employers state the establishment number of the employing establishment, along with information on when an employment relationship begins and ends, how much wage the employees receive, which occupation they carry out and which nationality they hold, for example. Each employee's social security number also provides information on their gender and date of birth.

To compile the Establishment History Panel, all notifications valid as of 30 June of the year in question were selected from the BLH. These person-related data then underwent a data cleansing process and were aggregated on the establishment level on the basis of the establishment numbers. The Establishment History Panel thus covers all establishments that had at least one employee subject to social security or "marginal"¹ part-time employee as of 30 June from 1993 to 2003.

For the aggregation, the sums for selected category-based person-related characteristics such as "gender" or "occupational status" and the mean values and standard deviations for metric characteristics such as "daily wage" were calculated and entered into the Establishment History Panel. There are currently eleven cross-sectional files, which have been aggregated to date from the BLH per year for 1993 to 2003. In future, the subsequent years will be added on an annual basis. We also plan – should this service be required – to add the years 1975 to 1992.

External researchers can make use of the data during research visits to the Research Data Centre (FDZ) or by means of remote data access via the FDZ. The design of the samples drawn depends on the requirements of the specific research project. During research visits, users have the possibility of linking the establishment information with other data available at the FDZ, such as the Integrated Employment Biographies Sample (IEBS) or the IAB Employment Sample (IABS).

Chapter 2 of this data report provides a brief description of the dataset. Subsequently, Chapter 3 goes into the details of the compulsory social security notification system. Chapter 4 contains an explanation of the BA's definition of an "establishment", which is strongly dependent on the process of allocating establishment numbers. In Chapter 5, the variables of the Establishment History Panel are described in detail, and the corresponding frequency counts are contained in Chapter 6.

¹ "Marginal" part-time employees have only been included in the Employee and Benefit Recipient History and thus in the Establishment History Panel since 01 April 1999, as part of the new notification process in accordance with the Regulation on Data Collection and Transmission (DEÜV).

2 Brief Description of the Dataset

The Establishment History Panel provides information on the industry code, German state, number of employees liable to social security and from 1999 “marginal” part-time employees. Differentiated counts can also be carried out on the basis of the employee characteristics, such as gender, age, occupational status, qualification level, nationality and daily wage. The establishments are identified by means of establishment numbers.

Content characteristics

Categories	Descriptions
Topics/ Characteristic groups	Anonymous establishment number, industry code WS73, industry code WZ93, German state, total employees, number of employees by main occupation, number of employees with unpaid employees, number of female employees, number of German citizens employed, number of employees by training / qualification groups, number of trainees/apprentices, number of employees by occupational status, number of employees by age groups, mean value and standard deviation of age, mean value and standard deviation of daily gross wage of full-time employees (not including trainees and freelance home workers) and of total daily gross wage.
Data unit	Establishments
Number of cases	Between 1.9 and 2.5 million establishments p.a.
Period	1993 to 2003
Reference date	30 June of each year
Regional structure	District (Kreis)

Methodological characteristics

Categories	Descriptions
Data collection method	Establishment files are aggregated from the current Employee and Benefit Recipient History (BLH) for the years 1993 to 2003, as of 30 June of each year
Data collection frequency	Once, with annual update
File format/size	Stata (all datasets together 2.3 GB; approx. 200 MB per year on average)
File architecture	Files by year

Data access

Categories	Descriptions
Data access	Remote data access, on-site use

For the creation of the Establishment History Panel, the employee data were aggregated, with the aid of the establishment numbers from the BLH, from the employee level to the establishment level. Prior to this procedure, the activities of multiple jobholders were divided into one main occupation and one or several secondary activities. The main occupation is defined as that with the highest daily wage rate. In cases in which one person is registered in several employment relationships with the same wage rate as of 30 June of any year, the employment relationship of the longest overall length is selected. "Marginal" part-time employment is only counted as a main occupation if no employment subject to social security is registered for the same period. In general, secondary activities in different establishments are permitted in the data. Only multiple employment relationships in one establishment are deleted before aggregation, so that a single person is not allocated to the same establishment more than once. Not all characteristics are filled for all years. Industry 93 and the number of "marginal" part-time employees have only been included in the data since 1999. Industry 73, in contrast, is included up to 2002 only.

The following numbers of cases and characteristics are included in the individual files:

Years	Number of establishments	Number of characteristics
1993	1,946,503	37 of a total of 39 characteristics (<i>w93_gr</i> ⁽¹⁾ and <i>az_gf</i> ⁽²⁾ not included)
1994	1,971,684	37 of a total of 39 characteristics (<i>w93_gr</i> and <i>az_gf</i> not included)
1995	1,998,026	37 of a total of 39 characteristics (<i>w93_gr</i> and <i>az_gf</i> not included)
1996	2,011,649	37 of a total of 39 characteristics (<i>w93_gr</i> and <i>az_gf</i> not included)
1997	2,009,932	37 of a total of 39 characteristics (<i>w93_gr</i> and <i>az_gf</i> not included)
1998	2,040,358	37 of a total of 39 characteristics (<i>w93_gr</i> and <i>az_gf</i> not included)
1999	2,489,280	All 39 characteristics available
2000	2,533,494	All 39 characteristics available
2001	2,529,561	All 39 characteristics available
2002	2,474,751	All 39 characteristics available
2003	2,472,558	38 of a total of 39 characteristics (<i>w73</i> ⁽³⁾ not included)

- (1) *w93_gr* = industry 93 (3-digit)
 (2) *az_gf* = number of "marginal" part-time employees
 (3) *w73* = industry 73

3 Notes on Mandatory Social Security Notification

Mandatory social security notification was regulated by the Data Collection Regulation (DEVO) and the Data Transmission Regulation (DÜVO) between 1981 and 1998. This “joint notification procedure for mandatory health, pension and unemployment insurance” was replaced on 1 January 1999 by the Regulation of Data Collection and Transmission (DEÜV)². The DEÜV obliges employers to notify the authorities of the entry or departure of employees liable to social security and “marginal” part-time employees into or from the establishment, and in the event of changes in health insurers or wage levels (see overall listing in Table 1). Employers must also provide an annual notification of all employees liable to social security as of 31 December of every year, as of 1999 also including “marginal” part-time workers.

Table 1: Type of notification in accordance with DEÜV:³

Registrations	
10	Due to start of employment
11	Due to change of health insurer
12	Due to change of contribution group
13	Due to other reasons / changes in employment relationship
Notice of departure	
30	Due to end of employment
31	Due to change of health insurer
32	Due to change of contribution group
33	Due to other reasons / changes in employment relationship
34	Due to end of employment liable to social security after an interruption of longer than one month
35	Due to industrial dispute of longer than one month
36	Due to change in wage calculation system (optional)
40	Simultaneous registration and notice of departure due to end of employment
49	Due to death
Annual notification / Notifications of interruption / Other wage notifications	
50	Annual notification
51	Notification of interruption due to drawing of or claim to benefits
52	Notification of interruption due to parental part-time employment
53	Notification of interruption due to statutory national service
54	Notification of a one-off wage payment (special notification)
55	Notification of value credits used in violation of agreement (fault)
56	Notification of differential sum for benefits during partial retirement
Notifications of changes	
60	Change of name
61	Change of address
62	Change of employee's ref. number / personnel number (optional)
63	Change of nationality

² Cf. Brixy and Fritsch 2002: 55-59

³ Ratgeber Sozialversicherung 2006: 36-37

Notifications in the event of insolvency	
70	Annual notification for released employees
71	Notification of submission of insolvency / release
72	Wage notification as of legal end of employment

The IAB processes and stores all these notifications in a file entitled “Employee and Benefit Recipient History” (BLH). This consists of the Employee History (BeH) and the Benefit Recipient History (LeH). The BeH contains all pay notifications for social security, i.e. annual notifications and notifications of departure received since 1975 from West Germany, and since 1991 from East Germany. The LeH contains information on benefits drawn from the BA in the respective periods. Up to 2004 the benefits were structured into the categories Unemployment Benefit, Unemployment Assistance, Maintenance Allowance and Subsidy in accordance with Section 166b of the Employment Promotion Act (*Arbeitsförderungsgesetz AFG*) or Section 207a of the German Social Code Book III. The “Hartz reform” of unemployment benefits took effect as of 2005, ultimately merging unemployment assistance with social assistance into “Unemployment Benefit II”, at a level below the previous social assistance.

The following information is contained in the notification for social security, among other data, (see notification form in Appendix 2) and is incorporated in the BLH⁴:

- Social security number (with gender and date of birth)
- Establishment number
- Occupational status
- Person group
- Gross wage

Section 27 of the German Social Code Book III regulates which employees are liable to social security. According to this paragraph, all employees subject to at least one type of mandatory insurance (health insurance, long-term care insurance, pension insurance, unemployment and/or accident insurance) are liable to social security. Hence, government employees, those performing national service, the self-employed, judges, school pupils, students, pensioners, religious ministers etc., who are dealt with on the basis of civil service law, are not regarded as liable to social security and are thus not listed in the statistics. As of 1 April 1999, “marginal” part-time employees are also included in the BeH, who are not subject to social security. As of 2003, “marginal” part-time employment exists if the regular monthly wage does not exceed € 400. The marginality levels have changed several times over the years (see Appendix 1), which led to variations in the number of “marginal” part-time employees. Due to the most recent amendment to the legislation in 1999, it is

⁴ The enterprise characteristics, i.e. all information on place of work and industry, are not included in the notification for social security, but are provided by the BA in retrospect, via the enterprise number.

now possible that enterprises without employees liable to social security but with at least one “marginal” part-time employee are also included in the Employee History. Enterprises consisting mainly of “marginal” part-time employees are likely to be active in the service sector⁵.

As the notification procedure does not apply for all employees, enterprises from certain sectors of the economy in which, for instance, the proportion of self-employed people or government employees is relatively high, are underrepresented in the data. For example, many enterprises in the area of agriculture and forestry are not included in the data, as this branch of the economy is dominated by the self-employed. The government body and social security sector is also underrepresented, as many of the employees have government employee status and are thus not subject to mandatory notification⁶.

4 Notes on Allocation of Establishment Numbers

The establishments in the Establishment History Panel are identified on the basis of establishment numbers. These numbers are allocated by the Employment Agency responsible for the borough in which the enterprise is located, to identify each enterprise. The establishment number is stored with the enterprise’s name, address and industry classification. As a rule, enterprises from the new German states, in contrast to those from the former West Germany, are given a number starting with 0.

The Federal Employment Agency abides by the following definition for an “establishment”:

“(1) An establishment for the purpose of employment statistics ... is an organisational unit allocated to a specific region and industry, in which employees are employed. The establishment may consist of one or several branches of a company. The term establishment always refers to the unit for which an establishment number is to be or has been allocated. The local authority district (Gemeinde) governs the regional separation of the establishment.

(2) The allocation of an establishment to an industry takes place in accordance with the ‘Verzeichnis der Wirtschaftszweige für die Statistik der Bundesanstalt für Arbeit’ (industrial classification for the Statistical Office of the Federal Employment Agency). Branches of a company with the same class of industry may be counted as a single establishment if they are located in the same local authority district (Gemeinde).”⁷

All establishments, administrative bodies and private households that employ staff require an establishment number for the notification for social security. In general, every establishment receives its own establishment number from the relevant establishment number office. If an establishment consists of only one branch, this receives the establishment number and is thus registered for sta-

⁵ Cf. Brixy and Fritsch 2002:55-59

⁶ Cf. *ibid.*

⁷ Cf. BA: Handbuch coBer 1997: 4

tistical purposes as an independent establishment. However, if an establishment consists of several branches, further factors determine whether they all receive their own establishment numbers, are all registered under a joint establishment number or some branches receive their own establishment numbers and some receive a joint number. Branches of a company receive a joint establishment number if they are in the same class of industry and the same local authority area, and both the employer and the health insurer grant their permission. However, if the branches are located in different local authority areas, or not in the same class of industry, all branches are automatically registered under their own establishment numbers. Several branches that are registered under a joint establishment number may receive their own establishment numbers by means of an application from the employer with the permission of the health insurer, and vice versa. If the economic focus of a branch changes to such an extent that it switches to a new industry classification, it is automatically allocated its own establishment number. Several branches with different establishment numbers may be registered under a single number after a certain length of time, provided the local authority and industry conditions apply. For example, if a branch relocates to a local authority area in which another branch of the same company is already located, and both are in the same class of industry, they may also apply for registration under a single establishment number.⁸ As a rule, the prerequisites for the joint registration of several branches of a company under a single number or the allocation of several establishment numbers result from:

- “Relocation of an establishment,
- Changes to local authority boundaries

or

- Changes to an establishment’s industry classification.”⁹

Once allocated, an establishment number is not changed on relocation of the enterprise as a whole to another local authority or another employment agency borough, provided no application has been made by the employer or health insurer for joint registration with other branches. In the event of a change of the enterprise ownership, a new establishment number is always allocated, except in cases in which enterprises are passed on to members of the family. In such cases, a new establishment number is only allocated at the request of the health insurer. This also applies in the event of a change to an enterprise’s legal or company form. If an establishment registered as “dormant” is reopened, the former establishment number is reassumed, provided the employer and health insurer agree. Employers can also refer back to their former establishment number on opening a new workplace, even if there is no connection between the old and the new establishments.¹⁰ For the purposes of the official statistics of the Federal Employment Agency, an establishment can thus consist of one or several branches of a company. It may occur that several branches of a company are registered as a single establishment in the statistics up to a certain point in time and

⁸ Cf. BA: Handbuch coBer 1997: 9f.

⁹ BA: Handbuch coBer 1997: 10

¹⁰ Cf. *ibid.*

are then subdivided into several enterprises for purely statistical reasons, although no fundamental changes have been made within the company. This means that not all newly occurring establishment numbers in the Establishment History Panel necessarily reflect newly formed companies. Additionally, due to the regulation of the allocation of enterprise numbers, an establishment in the official BA statistics is not necessarily equivalent to a single branch. The allocation of a single establishment number to several branches is particularly common in the areas of the public service, banks and insurance companies and organisations without income from gainful activities. For this reason, the number of branches is particularly underrepresented in these economic areas¹¹. If employees of various different employers work in a single workplace, each of the employers receives their own establishment number for this establishment¹². This regulation means that a single workplace may receive several different establishment numbers. However, such cases are rare, for instance in the formation of consortia in the construction industry: "Major projects in the construction industry are frequently carried out by consortia (ARGE) involving several construction companies (usually from specialist areas). The consortium is regarded as a single establishment and is allocated a single establishment number."¹³

Despite these limitations, the establishment number represents "a unit that can be interpreted meaningfully as a rule in the field of the private economy"¹⁴. For the identification of newly formed companies, however, it is necessary to consider the number of employees as well as the establishment number. Brixy and Fritsch (2002, p. 65) suggest researchers do not evaluate a new establishment number as a newly formed company, but instead, for example, as a disincorporation or takeover, if at least 80 % of the employees registered under the new establishment number were also previously registered under a single establishment number.

¹¹ Cf. Brixy and Fritsch 2002: 62f., Fritsch and Brixy 2004.

¹² Cf. BA: Handbuch coBer 1997: 11

¹³ BA: Handbuch coBer 1997: 12

¹⁴ Brixy and Fritsch 2002: 71f.

5 Description of the Variables

The following description provides detailed explanations of all the variables contained in the Establishment History Panel. The variable labels and names are extracted from the data and are thus easy to find in the dataset itself. Chapter 6 contains the frequency counts of the Establishment History Panel from 1993 to 2003 in tabular form.

5.1 Establishment Number

Variable label	Artificial establishment number
Variable name	betnr
Origin	BeH
Detailed Description	<p>The establishment numbers are allocated by the establishment number office of the Federal Employment Agency to employers who are obliged to provide notifications for social security. These original establishment numbers have been replaced in the Establishment History Panel by an artificial establishment numbers.</p> <p>For the formation of the artificial establishment numbers, all original establishment numbers were drawn from the Establishment History Panel and sorted in ascending order. Each establishment number was then allocated with a random figure between 0 and 1. These random numbers were again sorted in ascending order and numbered again. Every establishment was allocated with an 8-digit number in this process. These numbers represent the artificial establishment numbers, which replace the original establishment numbers for reasons of data protection.</p> <p>The artificial establishment number is in no way connected to the original, so as to prevent reference to the actual establishment in question.</p> <p>It is nevertheless possible to identify the establishments in the data, as each artificial establishment number refers precisely to the original and has also been consistently allocated across the various cross-sections.</p>

5.2 Industry 73

Variable label	Industry 73
Variable name	w73
Origin	BeH
Detailed Description	This characteristic refers to the classification of the establishments' economic activities in accordance with the "Industrial Classification for the Statistical Office of the Federal Employment Agency, 1973 Edition" (WS73). The economic areas are identified by means of a three-digit code. All three parts together identify the industry classification with approx. 293 possible codes. The first two digits refer to the 95 economic groups and the first stands for the 10 economic sectors.
Notes	Industry 73 is included until 2002 only. Industry 73 is one of the so-called 'sensitive Variables', i.e. data access has to be requested and justified explicitly.

5.3 Industry 93

Variable label	Industry 93 3-digit
Variable name	w93_gr
Origin	BeH
Detailed Description	This characteristic refers to the classification of the establishments' economic activities in accordance with the "Industrial Classification for the Statistical Office of the Federal Employment Agency, 1993 Edition" (WZ93). In the original dataset, this classification is listed as a 5-digit code, but for data protection reasons is only contained in the Establishment History Panel in the form of a 3-digit code. This is based on the European Community's <i>NACE Rev. 1</i> ¹⁵ industrial classification. All three digits together identify the economic group with approx. 222 possible values, and the first two digits refer to the 60 economic sectors.
Notes	Industry 93 is included since 1999 only. Industry 93 is one of the so-called 'sensitive Variables', i.e. data access has to be requested and justified explicitly. It can also be provided with 5 digits.

¹⁵ "Nomenclature générale des activités économiques dans les communautés européennes"

5.4 Location German State (Bundesland)

Variable label	German state (Bundesland)
Variable name	bula
Origin	BeH
Detailed De- scription	<p>In the notification for social security, the employer states the employee's place of work by means of a 5-digit district code. This is a geographically updated district code. That means that the location of the establishment in the Establishment History Panel is always allocated to the district (Kreis) valid as of 31.12.2004.</p> <p>This is necessary because the boundaries of the districts have changed over the panel years. The use of the geographically updated district codes therefore ensures a consistent regional allocation within the data.</p> <p>The first two digits of the 5-digit district code mark the German state.</p>
Notes	The 5-digit district code is one of the so-called 'sensitive Variables', i.e. data access has to be requested and justified explicitly.

5.5 Location East/West

Variable label	Location East/West according to district code Location East/West according to establishment number
Variable name	ow_kreis; ow_bnr
Origin	BeH
Detailed De- scription	<p>The establishments have been allocated to East and West Germany firstly by means of the district code and secondly by means of the establishment number. This dual procedure is necessary, as the establishment number is not usually altered if the establishment relocates from East to West Germany or vice versa.</p> <p>Thus, the variable <i>ow_kreis</i> generally states the current location of the establishment as of the respective date in question. The variable <i>ow_bnr</i> usually refers to the establishment's location at the time it was allocated an establishment number.</p>

5.6 Number of Employees

Variable label	Total number of employees
Variable name	az_ges
Origin	BeH
Detailed Description	<p>This variable contains all employees of an establishment for whom a notification for social security exists.</p> <p>As well as employees registered for at least one type of social security, "marginal" part-time employees have also been included since the introduction of the new notification regulations in accordance with the Regulation on Data Collection and Transmission (DEÜV) in 1999. This change means that from 1999 on, establishments are included in the data that do not have employees liable for social security, but at least one "marginal" part-time employee. For this reason, the Establishment History Panel contains a significant increase in the number of establishments from 1998 to 1999.</p>

5.7 Number of Employees in Main Occupation

Variable label	Number of employees in main occupation
Variable name	az_hpt
Origin	BeH
Detailed Description	<p>This characteristic provides the number of employees whose main occupation is in a particular establishment. The main occupation is defined as that with the highest daily wage rate. Should one person have several employment notifications at the same wage rate as of 30 June of any year, the occupation with the longest employment length is counted as the main occupation. A "marginal" part-time employment can only be counted as a main occupation if the person has no employment subject to social security.</p>

5.8 Number of Unpaid Employees

Variable label	Number of unpaid employees
Variable name	az_te0
Origin	BeH
Detailed Description	<p>This characteristic identifies the number of dormant employment relationships in an establishment.</p>

5.9 Number of Female Employees

Variable label	Number of women
Variable name	az_f
Origin	BeH
Detailed De- scription	This variable refers to the number of female employees in an establishment.
Notes	The number of men is not explicitly available as a variable, as the difference between the number of employees (az_ges) and the number of women (az_f) automatically equals the number of men.

5.10 Number of German Employees

Variable label	Number of Germans
Variable name	az_d
Origin	BeH
Detailed De- scription	This variable refers to the number of employees in an establishment with German nationality.
Notes	The number of employees with non-German nationality is equal to the difference between the number of employees (az_ges) and the number of German citizens employed (az_d).

5.11 Number of Employees by Educational and Vocational Qualifications

5.11.1 Number of employees without educational and vocational qualifications

Variable label	Number of unskilled employees
Variable name	az_gq
Origin	BeH
Detailed De- scription	<p>This variable identifies an establishment's employees who do not possess either an upper secondary school leaving certificate as highest qualification or vocational training. This characteristic is based on the mandatory information provided by the employer on activities in the notification for social security. The industry code consists of five digits, and information on educational and vocational qualifications is contained in the last digit (see Table 2).</p> <p>During the aggregation of the data from the employee to the establishment level, the number of unskilled employees per establishment was calculated by totalling the employees with a "1" as the fifth digit of the industry code.</p>

Table 2: Information on education and training (B2 code)

Values	Value labels
Lower/intermediate secondary school leaving certificate or equivalent school education (including special schools)	
1	Without completed vocational training
2	With completed vocational training (completed apprenticeship or semi-skilled training, completion of a specialised vocational school / technical college ¹⁶)
Upper secondary school leaving certificate (general or subject-specific aptitude for higher education)	
3	Without completed vocational training
4	With completed vocational training (completed apprenticeship or semi-skilled training, completion of a specialised vocational school/technical college)
5	Completion of a specialised college of higher education (formerly: advanced technical school) E.g. engineering colleges, advanced technical schools for social work, advanced business technical schools, advanced technical schools for youth leaders, youth leader seminars, advanced technical schools for social education, advanced commercial schools, provided completed with certificate of aptitude for specialised short-course higher education.
6	College/university degree
7	Education and training unknown, no statement possible
9	No response

Source: Drews et al. 2006: 39.

5.11.2 Number of employees with educational or vocational qualifications

Variable label	Number of qualified employees
Variable name	az_mq
Origin	BeH
Detailed Description	<p>Indicates the number of employees in an establishment with either upper secondary school leaving certificate or vocational qualifications as highest qualification. This characteristic is based on the mandatory information on activities provided by the employer in the notification for social security. The industry code has five digits, including the information on educational and vocational qualification in the final digit (see Table 2).</p> <p>During the aggregation of the data from the employee to the establishment level, the number of qualified employees per establishment was calculated by totalling the employees with a "2", "3" or "4" as the fifth digit of the industry code.</p>

¹⁶ Specialised vocational schools/technical colleges include, for example, technical colleges, nursing colleges, women's vocational schools, commercial colleges, business colleges, vocational schools for business administration, administration and business academies, master craftsmen's colleges, advanced commercial schools, provided concluded with intermediate school leaving certificate.

5.11.3 Number of employees with (specialised) higher education qualifications

Variable label	Number of highly qualified employees
Variable name	az_hq
Origin	BeH
Detailed Description	<p>The variable az_hq contains the number of employees per establishment whose highest qualification is general or subject-specific aptitude for higher education. This characteristic is based on the mandatory information on activities provided by the employer in the notification for social security. The industry code has five digits, including the information on educational and vocational qualification in the final digit (see Table 2).</p> <p>During the aggregation of the data from the employee to the establishment level, the number of highly qualified employees per establishment was calculated by totalling the employees with a "5" or "6" as the fifth digit of the industry code.</p>

5.11.4 Number of employees with unknown qualifications

Variable label	Number of employees with unknown qualification by vocational education Number of employees with unknown qualification by vocational education and occupational status
Variable name	az_uq_bild; az_uq_bstib
Origin	BeH
Detailed Description	<p>The number of employees with unknown qualifications has been calculated in two different ways. The variable az_uq_bild contains the number of employees per establishment with a "7=education unknown" or "9=no response" as the fifth digit of the industry code (see Table 2).</p> <p>The variable az_uq_bstib makes additional use of the information on occupational status (see Table 3), which is contained in the fourth digit of the industry code. Employees with unknown qualifications according to az_uq_bstib are those with the number "7" or "9" for vocational education and without the value label "0=trainee/apprentice" for occupational status.</p> <p>az_uq_bild: vocational education = "7" or "9"</p> <p>az_uq_bstib: vocational education = "7" or "9" and occupational status ≠ "0"</p>

Table 3: Information on occupational status (B1 code)

Values	Value labels
<i>Full-time employees</i>	
0	In training The category “employees in vocational training” includes trainees and apprentices, interns, semi-skilled trainees, students at schools in the health sector and participants in financed vocational further training programmes, further training, retraining and in-house initial training.
1	Unskilled workers
2	Skilled workers
3	Master craftsmen, foremen (regardless of whether blue or white-collar)
4	White-collar employees (not including white-collar master craftsmen)
7	Home workers, freelance home workers
<i>Part-time employees (working hours agreed in employment contract below establishment’s standard full-time hours)</i>	
8	Part time (from 1988: up to 18 hours); as of 1999 this category also includes “marginal” part-time employees.
9	Part time (more than half of full working hours, from 1988: over 18 hours)

Source: Drews et al. 2006: 47.

In the information on occupational status, only full-time employees are distinguished between unskilled workers, skilled workers, master craftsmen and foremen, white-collar employees and home workers and freelance home workers. No information is required on occupational status for part-time employees. As of 1999, “marginal” part-time employees are included in the category of part-time employees working less than 18 hours per week.

The difference between workers in full-time employment (values “1” and “2”) and white-collar employees (value “4”) results solely from regulations on mandatory pension insurance: “If employees are subject to mandatory insurance in the workers’ pension insurance scheme to date, they must be identified as workers (code number 2) under ‘occupational status’. If the employees are subject to mandatory white-collar insurance, they must be identified as white-collar employees (code number 4) under ‘occupational status’. In the case of employees exempted from mandatory pension insurance, the employer must decide which type of mandatory insurance they would be subject to if they were not exempt”¹⁷.

¹⁷ BA 2005: VII.

5.12 Number of Full-Time Employees by Occupational Status

5.12.1 Number of trainees/apprentices

Variable label	Number of trainees/apprentices by person group Number of trainees/apprentices by occupational status
Variable name	az_az_pers; az_az_stib
Origin	BeH
Detailed Description	<p>There are two characteristics in the BLH that can be used to establish the number of trainees/apprentices; firstly on the basis of the characteristic “person group” and secondly on the basis of the characteristic “occupational status” (see Table 3).</p> <p>The variable <i>az_az_pers</i> contains all employees identified as trainees/apprentices in the person group code. Alongside the information contained in the industry code, the notifications in accordance with the DEÜV have also contained a separate 3-digit person group code since 1999. Since then, further details of the employees have been available, such as whether they are interns, trainees, “marginal” part-time employees, unpaid family members or in partial retirement.</p> <p>Trainees/apprentices in accordance with person group code 102 are “persons participating in vocational training for a recognised occupation in the establishment, on the basis of a training contract in accordance with the vocational training act. Vocational training is training in accordance with legally binding training guidelines for a state-recognised occupation. Further, vocational training is also training for an occupation for which no legally binding training guidelines exist as yet, provided the training in question is usual and generally recognised. Provided training contracts have been concluded for the training and entered in the register of training placements by the relevant authority or Chamber of Trades, a vocational training may be assumed. Should no written training contract be concluded, it depends on the actual form of the training placement and the circumstances of the individual case. It is of no relevance for the assumption of vocational training whether the training is completed or a formal completion is planned. Interns shall be notified with the code number 105” (Ratgeber zur Sozialversicherung, 2006, p. 43).</p> <p>The variable <i>az_az_stib</i>, in contrast, contains all employees identified as trainees/apprentices by occupational status. However, as illustrated in Table 3, there is no distinction between trainees/apprentices, interns, semi-skilled trainees and participants in further training or retraining programmes in this case. That means that, whereas only trainees/apprentices are contained in the variable <i>az_az_pers</i>, the variable <i>az_az_stib</i> also contains interns, etc. along with trainees/apprentices.</p> <p><i>az_az_pers</i>: value “102” of the person group code <i>az_az_stib</i>: value “0” as occupational status</p>

5.12.2 Number of non-formally qualified employees

Variable label	Number of non-formally qualified employees
Variable name	az_nfq
Origin	BeH
Detailed Description	This variable contains all employees of an establishment in full-time employment and with the value "1=unskilled worker" as occupational status (cf. Table 3).

5.12.3 Number of skilled workers

Variable label	Number of skilled workers
Variable name	az_fa
Origin	BeH
Detailed Description	This variable contains all employees of an establishment in full-time employment and with the value "2=skilled worker" as occupational status (cf. Table 3).

5.12.4 Number of master craftsmen and foremen

Variable label	Number of master craftsmen and foremen
Variable name	az_mp
Origin	BeH
Detailed Description	This variable contains all employees of an establishment in full-time employment and with the value "3=master craftsmen and foremen (regardless of whether blue or white-collar)" as occupational status (cf. Table 3).

5.12.5 Number of white-collar employees

Variable label	Number of white-collar employees
Variable name	az_ang
Origin	BeH
Detailed Description	This variable contains all employees of an establishment in full-time employment and with the value "4=white-collar employees (not including white-collar master craftsmen)" as occupational status (cf. Table 3).

5.13 Number of Employees by Working Time

5.13.1 Number of employees with less than 18 working hours per week

Variable label	Number of minor part-time employees
Variable name	az_ktz
Origin	BeH
Detailed Description	Employees with fewer than 18 weekly working hours per establishment have been added together in this variable (cf. value "8" in Table 3).

5.13.2 Number of employees with more than 18 working hours per week

Variable label	Number of major part-time employees
Variable name	az_gtz
Origin	BeH
Detailed Description	Employees working more than 18 hours per week per establishment have been added together in this variable (cf. value "8" in Table 9).

5.13.3 Number of "marginal" part-time employees

Variable label	Number of "marginal" part-time employees
Variable name	az_gf
Origin	BeH
Detailed Description	<p>The number of "marginal" part-time workers is calculated on the basis of the person code.</p> <p>As of 1999, notifications in accordance with the DEÜV contain a separate 3-digit person group code. This code contains information, for example, on whether employees are on an internship, in partial retirement, unpaid family members or "marginal" part-time workers.</p>
Notes	This characteristic is contained in the Establishment History Panel for the years 1999 to 2003.

5.14 Employees' Age Structure

The age of the employees was collated in the aggregation of the data from the individual to the establishment level, both as a categorical characteristic in classes and as a metric characteristic with a mean value and a standard deviation. The age is calculated separately for every cross section as of 30 June of the year in question, based on the insurance numbers, which contain the insured parties' dates of birth.

5.14.1 Number of employees by age in classes

Variable name	Variable label
az_15_17	Number of employees aged 15 - 17
az_18_24	Number of employees aged 18 - 24
az_25_29	Number of employees aged 25 - 29
az_30_44	Number of employees aged 30 - 44
az_44_49	Number of employees aged 44 - 49
az_50_54	Number of employees aged 50 - 54
az_55_59	Number of employees aged 55 - 59
az_ab60	Number of employees aged 60 and over
Origin	BeH
Detailed Description	These variables contain the sum of employees per establishment in the respective age classes.

5.14.2 Average age of employees

Variable label	Average age
Variable name	alter_mw
Origin	BeH
Detailed Description	The variable <i>alter_mw</i> identifies the average age of all employees per establishment.

5.14.3 Standard deviation of employees' average age

Variable label	Standard deviation average age
Variable name	alter_sa
Origin	BeH
Detailed Description	The variable <i>alter_sa</i> identifies the mean value of the average age of all employees per establishment.

5.15 Employees' Wage Structure

In accordance with the notification regulations under the DEÜV, employers are obliged to state the level of the employee's gross wage subject to contributions for a certain period of time. This figure is therefore also referred to as fixed period wage. The gross daily wage is calculated by dividing the fixed period wage by the number of calendar days in the fixed period, and rounding this value to two decimal points.

Up to the end of 1998, employers only had to report the gross wage subject to social security. Therefore, only wages and salaries above the "marginal" part-time level and below the upper earnings limit for social security contributions were registered. As of 1999 and the introduction of the new notification procedure (DEÜV), wages below the "marginal" part-time level are also registered. However, gross wages above the upper earnings limit are still capped.

During the aggregation of the data to the establishment level, all wage sums were initially converted to euro values and then the mean value and the standard deviation of gross daily wage were calculated for every establishment. The average gross daily wage was not only included in the Establishment History Panel for all employees, but also as an additional value solely for full-time employees not in training. This is necessary as trainees/apprentices, part-time employees and "marginal" part-time employees are included alongside full-time employees in the calculation of the mean value and the standard deviation for all employees in total. This means that the part-time employees distort the gross daily wage in total. The inclusion of "marginal" part-time employees in the notification procedure as of 1999 also leads to a cut in the average daily gross wage of all employees in the course of time. As Table 40 illustrates, the mean value of gross daily wage of all employees falls from 50.5 euro in 1998 to 38.4 euro in 1999, with the number of establishments rising from 2,040,358 in 1998 to 2,489,280 in 1999 (see Tables 40 and 41). This cut in the average gross daily wage is not existent if only the full-time employees of an establishment are taken into account, not including trainees/apprentices (cf. Table 38). This enables comparison of the wage of full-time employees before and after 1999.

5.15.1 Average gross daily wage of full-time employees (excluding trainees/apprentices and freelance home workers)

Variable label	Average daily wage full time
Variable name	te_vz_mw
Origin	BeH
Detailed Description	The variable <i>te_vz_mw</i> represents the average gross daily wage of full-time employees within an establishment. Part-time and "marginal" part-time employees, trainees/apprentices and freelance home workers are not included. The value for every year is stated in euros.

5.15.2 Standard deviation of the average daily gross wage of full-time employees (excluding trainees/apprentices and freelance home workers)

Variable label	Standard deviation average gross daily wage full time
Variable name	te_vz_sa
Origin	BeH
Detailed Description	The variable <i>te_vz_sa</i> represents the standard deviation of the average gross daily wage of the full-time employees within an establishment. Part-time and "marginal" part-time employees, trainees/apprentices and freelance home workers are not included. The value for every year is stated in euros.

5.15.3 Average gross daily wage of all employees

Variable label	Average gross daily wage total
Variable name	te_g_mw
Origin	BeH
Detailed Description	The variable <i>te_g_mw</i> represents the average gross daily wage of all employees within an establishment, without exception. The value for every year is stated in euros.

5.15.4 Standard deviation of average gross daily wage of all employees

Variable label	Standard deviation average gross daily wage total
Variable name	te_vz_sa
Origin	BeH
Detailed Description	The variable <i>te_g_sa</i> represents the standard deviation of the average gross daily wage of all employees within an establishment. The value for every year is stated in euros.

6 Frequency Tables

Table 4: Industry 73 (WS 73)

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
- 9	Allocation not possible	2,686	2,200	667	608	198	199	181	633	1,842	4,272
- 7	No response	39,362	38,751	38,032	36,074	35,228	34,350	-	-	-	-
000	Growing of crops, farming of animals	-	-	-	-	-	-	41,791	40,904	39,919	39,344
001	Industrial farming	1,836	1,922	1,969	1,984	2,028	2,242	2,814	2,864	2,965	3,072
010	Market gardening; horticulture	12,057	12,147	12,229	12,434	12,938	13,302	15,902	16,514	16,715	16,692
011	Industrial market gardening; horticulture	11,286	11,116	11,358	11,455	11,410	11,494	13,273	13,312	13,082	12,679
012	Viticulture	1,736	1,656	1,568	1,499	1,494	1,496	2,098	2,259	2,253	2,209
020	Forestry, logging, hunting, trapping and game propagation, including related service activities	3,652	3,608	3,681	3,534	3,509	3,488	4,072	4,154	4,024	3,852
030	Deep-sea and inshore fishing and related service activities	470	448	424	430	415	406	449	426	430	406
031	Freshwater fishing, fish farming and related service activities	429	413	412	413	426	427	493	484	492	471
040	Production and distribution of electricity; manufacture and distribution of gas; collection, purification and distribution of water	4,476	4,539	4,531	4,469	4,362	4,426	4,951	5,039	5,145	5,054
050	Mining of hard coal	103	98	94	91	86	83	73	70	61	54
051	Mining of lignite and jet	32	30	31	34	33	30	41	41	41	40
060	Ore mining	14	15	14	11	8	9	8	10	9	9
070	Crude petroleum, natural gas and bituminous stone	109	105	105	97	99	98	94	91	90	81

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
080	Mining of potassium and mineral salt, salt refinery	312	316	310	313	294	275	286	274	265	255
090	Manufacture of basic chemicals	780	784	779	746	767	799	827	826	853	836
091	Manufacture of plastics and synthetic rubber	242	239	233	241	243	254	267	266	268	267
092	Manufacture of dyes	45	43	42	44	42	42	43	42	43	43
093	Manufacture of fertilizers	44	44	44	46	42	44	49	50	48	53
094	Manufacture of paints, varnishes and similar coatings	530	533	527	523	523	507	517	516	506	510
095	Manufacture of basic chemicals for use in industrial and agricultural applications	708	705	704	698	682	679	716	715	726	694
096	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	986	971	965	969	944	948	995	1,017	1,039	1,019
097	Manufacture of soap and detergents, cleaning and polishing preparations	591	579	562	549	551	551	575	568	562	569
098	Manufacture of other specialized chemical products for private use	422	419	406	405	385	387	412	401	390	382
099	Manufacture and processing of coal by-products	10	9	9	8	8	5	7	7	6	6
100	Manufacture of man-made fibres	70	70	71	69	73	82	95	104	101	103
110	Manufacture of refined petroleum products	219	211	213	208	204	201	206	189	196	201
120	Processing of plastics	8,160	8,240	8,358	8,344	8,209	8,269	8,868	8,847	8,761	8,615
130	Manufacture of rubber products	541	535	550	544	558	563	597	610	615	611
131	Manufacture of tyre equipment	90	92	83	87	86	84	81	82	78	87
132	Vulcanization; repair of rubber products	904	905	919	893	850	856	881	851	835	816
133	Processing of asbestos products	88	93	91	86	74	75	75	72	70	64
140	Quarrying, cutting, shaping and	4,952	5,044	5,101	5,098	5,107	5,117	5,469	5,454	5,416	5,284

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	finishing of stone										
141	Quarrying of sand and gravel	1,602	1,625	1,623	1,650	1,619	1,622	1,658	1,600	1,565	1,492
142	Manufacture of cement	126	126	123	122	120	120	119	113	112	107
143	Other mining and quarrying n.e.c.	744	765	775	766	744	749	764	752	739	746
144	Manufacture of bricks	428	424	422	418	403	390	386	375	370	348
145	Manufacture of ordinary stone- ware and heavy clay products	168	162	160	155	146	146	149	144	141	138
146	Manufacture of sand-lime brick, concrete and mortar	4,403	4,511	4,563	4,510	4,395	4,330	4,316	4,230	4,090	3,842
150	Manufacture of chinaware and fine-ceramic mixtures	357	386	404	407	410	403	441	448	449	426
151	Manufacture of stoneware and pottery	642	636	603	587	565	573	624	592	549	531
152	Manufacture of ceramics, tiles and tiled stoves	456	460	451	454	431	418	447	434	434	409
160	Manufacture of flat glass	93	95	102	96	99	103	106	103	101	103
161	Manufacture of hollow glass	160	157	152	145	139	156	163	150	155	150
162	Manufacture, roughing and smoothing of glass	1,181	1,155	1,141	1,110	1,067	1,076	1,180	1,135	1,124	1,077
170	Blast-furnace plants, steel and hot rolling mill	280	277	284	282	274	284	282	282	279	277
171	Forge and iron mills	133	128	121	111	103	99	102	104	98	94
180	Manufacture of basic precious and non-ferrous metals	276	284	283	275	264	274	275	278	281	273
181	Manufacture of semi-finished non-ferrous metal products	233	253	258	270	276	289	300	296	287	289
190	Casting of iron, steel and malle- able iron	887	893	871	850	814	811	834	820	804	778
191	Casting of non-ferrous metals	614	592	581	576	562	554	573	567	564	555
200	Drawing and cold-rolling of metals	582	575	568	569	539	540	551	570	564	548
210	Custom steel forming	4,106	4,104	4,189	4,247	4,272	4,354	4,841	4,910	4,922	4,819
211	Treatment and coating of met-	1,808	1,814	1,845	1,867	1,957	2,001	2,200	2,257	2,326	2,318

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	als										
220	Locksmithery, welding and grinding	13,029	12,920	13,095	13,148	13,340	13,527	14,872	14,967	14,779	14,322
221	Manufacture of iron, steel and metal hardware, artistic forging and related repair service activities	2,559	2,540	2,471	2,401	2,359	2,288	2,478	2,440	2,333	2,216
230	Manufacture of structural metal products	7,904	8,386	8,953	9,291	9,666	9,959	11,148	11,452	11,616	11,458
231	Manufacture of tanks, reservoirs and containers of metal; manufacture of central heating radiators and boilers	894	868	883	851	822	791	785	770	742	691
240	Wagon and lorry building; industrial railway wagon building	276	273	271	261	220	219	229	233	226	214
250	Assembly and maintenance of health-related equipment	19,099	19,688	20,341	20,612	21,148	21,469	22,908	23,250	23,030	22,484
260	Manufacture of metalworking equipment	4,580	4,562	4,644	4,667	4,729	4,753	5,087	5,104	5,132	5,051
261	Manufacture of steel works and rolling mill equipment	2,751	2,738	2,772	2,776	2,726	2,720	2,813	2,831	2,814	2,745
262	Manufacture of agricultural machinery, equipment and supplies	1,131	1,106	1,098	1,072	989	1,001	1,048	1,022	990	962
263	Repair shop for agricultural machinery	3,436	3,350	3,340	3,272	3,284	3,189	3,320	3,264	3,214	3,139
264	Manufacture of food-producing machinery	2,359	2,340	2,383	2,381	2,359	2,322	2,468	2,457	2,452	2,354
265	Manufacture of textile and sewing machinery	444	424	406	398	388	393	404	383	378	367
266	Manufacture of wood-working machinery, equipment and supplies	300	305	307	299	300	310	316	309	306	294
267	Manufacture of paper and printing machinery, equipment and supplies	386	382	406	406	391	393	420	418	421	414

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
268	Manufacture of laundry machinery, equipment and supplies	141	138	137	135	118	115	118	118	102	98
270	Manufacture of gearwheels, gearing equipment and ball bearings	583	584	583	583	600	606	628	637	646	666
271	Manufacture of other equipment related to mechanical engineering	6,249	6,232	6,411	6,496	6,662	6,752	7,381	7,462	7,554	7,482
280	Manufacture of motor vehicles	304	295	311	320	313	318	336	360	360	352
281	Manufacture of parts and accessories for motor vehicles and their engines	727	719	740	741	719	769	839	860	887	889
282	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1,386	1,369	1,349	1,329	1,333	1,330	1,388	1,388	1,374	1,324
290	Manufacture of motorcycles and motorcycle engines	44	45	48	48	45	45	46	49	49	51
291	Manufacture of bicycles and perambulators	159	161	155	144	141	143	153	153	140	141
292	Manufacture, service and maintenance of carriage vehicles	180	170	160	160	138	127	134	130	119	111
300	Service and maintenance of motor vehicles and bicycles	34,207	34,455	34,693	34,775	35,663	36,114	38,253	38,581	38,257	37,638
301	Automotive paint shops	2,537	2,599	2,639	2,698	2,770	2,840	2,992	3,022	3,057	3,041
310	Building and repairing of ships	212	212	207	203	212	217	217	220	222	215
311	Building and repairing of boats and yachts	367	372	379	374	375	369	422	431	429	429
320	Manufacture of aircraft	247	259	275	299	302	317	353	356	356	337
331	Manufacture, maintenance and repair of office machinery	670	629	623	601	579	588	611	607	594	559
332	Manufacture, maintenance and repair of accounting and computing machinery	952	946	1,019	1,087	1,137	1,266	1,441	1,532	1,592	1,492
340	General activities related to electrical engineering	1,440	1,461	1,476	1,499	1,373	1,379	1,528	1,552	1,550	1,526

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
341	Manufacture of accumulators, primary cells and primary batteries	117	119	117	117	104	107	112	111	106	110
342	Manufacture of heavy-current electrical equipment	2,651	2,649	2,666	2,650	2,473	2,490	2,650	2,656	2,598	2,516
343	Manufacture of heavy-duty generators and transformers	759	760	762	757	806	802	846	849	847	848
344	Manufacture of insulated wire and cable	453	462	458	454	462	504	598	625	619	608
345	Manufacture of domestic electrical appliances	1,025	994	984	995	937	922	959	942	936	903
346	Manufacture of lighting equipment and electric lamps	646	634	629	623	614	620	665	666	663	639
347	Manufacture of television and radio receivers	1,826	1,829	1,813	1,756	1,649	1,648	1,684	1,672	1,607	1,566
348	Manufacture of measuring, checking and testing equipment, television and radio transmitters and apparatus for line telephony and line telegraphy	5,218	5,312	5,550	5,636	5,700	5,935	6,562	6,754	6,899	6,808
349	Assembly, maintenance and repair of electrical equipment	8,201	8,221	8,283	8,237	7,889	7,898	8,557	8,448	8,271	7,930
350	Manufacture of precision mechanical products	10,327	10,446	10,795	10,940	11,023	11,127	11,803	11,893	11,961	11,826
351	Manufacture of optical instruments	3,778	3,834	3,962	3,931	3,696	3,663	3,874	3,888	3,892	3,774
360	Manufacture of watches and clocks and related parts and accessories	255	241	229	222	209	202	219	208	197	183
361	Repair of watches and clocks	970	922	903	854	806	792	848	804	743	696
370	Manufacture of tools	1,752	1,717	1,740	1,695	1,626	1,609	1,719	1,688	1,688	1,667
371	Manufacture of general hardware	981	1,003	985	1,005	1,019	1,040	1,142	1,151	1,141	1,113
372	Manufacture of cutlery and weapons	386	378	374	360	339	328	360	357	345	338

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
373	Manufacture of weapons and ammunition	123	122	119	119	110	112	118	120	115	109
374	Manufacture of heating and cooking equipment	169	175	186	181	148	150	154	149	149	142
375	Manufacture of sheet metal products	4,031	4,033	4,065	4,057	3,887	3,889	4,263	4,258	4,202	4,144
376	Manufacture of steel tube furniture and steel tube type construction mattresses	211	209	222	221	225	213	223	215	214	207
377	Manufacture of sheet packages	119	119	125	128	127	123	125	120	117	118
378	Manufacture of metal smallwares and products	3,202	3,190	3,200	3,124	3,105	3,094	3,393	3,409	3,416	3,346
379	Manufacture of parts and accessories for motorcycles and bicycles	340	331	338	330	310	315	352	364	370	367
380	Manufacture and repair of musical instruments	813	819	815	825	799	807	912	909	921	881
381	Manufacture of games, toys and Christmas tree decorations	605	598	578	562	565	566	667	644	617	593
382	Manufacture of sports goods	211	214	218	208	207	205	218	218	225	215
390	Manufacture of jewellery	2,838	2,779	2,686	2,543	2,386	2,321	2,629	2,593	2,490	2,354
400	Sawmilling and planing of wood; manufacture of veneer	3,608	3,531	3,490	3,388	3,177	3,065	3,199	3,092	2,986	2,823
401	Manufacture of plywood and particle board	196	201	208	198	208	210	204	199	195	180
410	Manufacture of builders' carpentry and joinery	18,529	18,465	18,322	17,996	18,108	18,281	19,644	19,621	18,977	18,042
411	Manufacture of wooden furniture	4,083	4,019	3,993	3,925	3,811	3,788	3,956	3,872	3,736	3,490
412	Cabinet making	12,609	12,896	13,119	13,243	13,132	13,163	14,147	14,191	13,823	13,101
420	Manufacture of wooden containers	739	735	705	711	703	696	762	734	734	715
421	Manufacture of woodturned products and basketry	2,456	2,367	2,296	2,240	2,066	2,024	2,263	2,184	2,106	1,964
430	Manufacture of pulp, paper and paperboard	445	448	435	426	394	390	410	404	404	398

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
431	Processing of paper and paper-board	985	976	973	930	899	871	963	978	963	912
432	Manufacture of paper packaging	1,005	1,009	996	988	976	958	1,016	1,001	1,001	986
433	Bookbinding	911	868	848	840	817	805	891	879	853	810
440	Printing	11,664	11,594	11,615	11,460	11,315	11,242	12,095	11,939	11,697	11,250
441	Photomechanical printing, blueprinting	2,317	2,346	2,320	2,276	2,196	2,166	2,419	2,338	2,217	2,116
450	Tanning and dressing of leather	194	183	166	157	148	146	152	146	139	126
451	Manufacture and repair of saddlery and bag-making accessories	1,538	1,459	1,407	1,355	1,263	1,211	1,269	1,260	1,220	1,168
460	Series production of leather footwear	473	452	430	394	386	359	356	347	329	310
461	Manufacture and repair of footwear	3,300	3,247	3,069	2,935	2,823	2,746	3,183	3,135	3,061	2,944
470	Wool washing and combing	21	20	20	18	18	15	19	17	17	17
471	Wool spinning	54	53	47	44	38	36	37	34	35	32
472	Manufacture of combed yarn	26	23	23	22	20	21	22	23	22	18
473	Wool weaving	96	92	90	77	74	72	65	61	59	57
474	Wool spinning and weaving	26	23	23	22	24	20	18	18	19	16
480	Spinning of cotton fibres	107	94	90	89	75	80	75	71	66	59
481	Manufacture of cotton thread	47	45	42	42	44	43	41	38	40	37
482	Weaving of cotton fibres	244	229	215	214	208	207	208	188	181	166
483	Spinning and weaving of cotton fibres	94	88	87	82	80	71	72	70	66	57
490	Manufacture of silk cloth and materials	126	125	118	110	100	93	93	89	89	89
500	Hemp processing; manufacture of linen products	96	96	92	89	85	91	97	95	95	92
510	Spinning of jute and hard fibres, rope making	192	185	183	163	154	147	165	160	158	151
511	Manufacture of knitted and cro-	1,486	1,365	1,252	1,102	991	945	963	918	851	781

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	cheted fabrics										
512	Finishing of textiles	570	578	558	567	602	580	628	630	631	608
513	Manufacture of other textiles	1,655	1,625	1,605	1,521	1,454	1,437	1,545	1,561	1,535	1,478
520	Series production of menswear and boys wear	453	424	387	350	314	291	298	279	258	251
521	Manufacture of made-to-measure menswear	504	455	433	386	335	310	365	348	314	289
522	Series production of ladies and girls wear	1,662	1,465	1,336	1,196	1,092	1,020	1,052	962	909	825
523	Manufacture of made-to-measure ladies wear	1,250	1,182	1,137	1,098	1,039	1,046	1,355	1,347	1,317	1,245
524	Series production of workwear and sportswear	560	529	507	480	457	447	476	451	434	405
525	Manufacture of underwear	371	335	315	286	243	224	237	224	216	197
526	Manufacture of bed, bath, table and kitchen textiles	129	120	118	106	98	95	106	107	105	99
527	Manufacture of hats, caps and accessories	344	329	298	282	248	232	263	249	235	219
528	Dressing and dyeing of fur; manufacture of articles of fur	737	685	574	506	478	469	493	465	430	386
529	Manufacture of bed articles, manufacture of other textiles n.e.c.	1,768	1,713	1,653	1,625	1,555	1,518	2,439	2,590	2,601	2,453
530	Manufacture of upholstered furniture and decorative articles	4,475	4,400	4,410	4,274	4,247	4,126	4,545	4,472	4,336	4,148
540	Extraction of sugar and manufacture of related products	82	71	64	63	58	60	55	54	51	47
541	Processing and preserving of fruit and vegetables	658	641	622	619	613	613	645	652	648	625
542	Manufacture of dairy products	789	761	710	668	628	597	618	576	558	524
543	Processing and preserving of fish and fish products	277	286	283	284	268	262	295	284	272	271
544	Manufacture of bread	382	372	354	346	330	308	306	299	288	283
545	Bread and pastry shops	24,934	24,161	23,458	22,716	21,626	20,887	21,120	20,394	19,606	18,801

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
546	Manufacture of edible fats and oils	87	83	82	82	79	80	88	84	88	85
547	Manufacture of food products, coffee, tea and vinegar	1,247	1,250	1,247	1,236	1,191	1,170	1,266	1,251	1,234	1,230
548	Manufacture of grain mill products	1,034	977	947	918	873	855	928	883	863	840
550	Manufacture of candies	468	449	451	442	418	422	446	452	442	433
551	Manufacture of long-life bakery products	168	154	150	141	133	124	131	126	123	129
560	Abattoirs (except municipal abattoirs)	1,544	1,520	1,481	1,441	1,346	1,325	1,384	1,381	1,336	1,288
561	Municipal abattoirs	177	156	142	128	114	113	94	93	89	82
562	Butcher's shops (including horse butchery)	19,507	19,000	18,472	17,835	16,909	16,350	16,666	16,100	15,396	14,876
570	Brewing and malting	1,373	1,328	1,286	1,235	1,215	1,168	1,186	1,160	1,145	1,115
571	Distilling of spirits	1,141	1,137	1,090	1,075	1,042	1,006	1,129	1,120	1,102	1,043
572	Manufacture of mineral waters and lemonades	536	511	488	479	464	455	445	438	427	398
580	Manufacture of cigarettes	32	30	30	26	27	29	27	25	25	24
581	Preparation of cheroots, cigars, cigarillos and other tobacco products	51	42	38	36	36	37	41	40	36	36
590	General civil engineering activities	21,970	22,799	23,457	23,000	22,406	22,397	23,998	23,732	22,676	21,296
591	Building construction and civil engineering	17,352	17,904	18,544	18,517	18,122	17,982	19,239	18,864	17,719	16,540
592	Civil and underground engineering	11,678	12,085	12,391	12,254	11,987	11,937	12,639	12,544	12,263	11,834
593	Construction of chimneys and furnaces	12,151	13,499	14,695	15,171	15,498	15,888	19,025	19,504	18,945	18,309
594	Plasterers and foundry dressing shops	5,672	5,942	6,325	6,441	6,504	6,639	7,456	7,504	7,245	6,886
600	Carpentry and timber construction	8,591	9,435	10,433	10,809	11,435	11,951	13,266	13,438	12,988	12,379
601	Roof covering	9,911	10,270	10,533	10,653	11,062	11,163	11,709	11,940	11,786	11,533

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
610	Plumbing and piping	19,481	19,847	20,001	19,978	19,760	19,572	20,456	20,089	19,498	18,728
611	Electric installations	25,382	25,965	26,559	26,873	27,833	28,365	30,265	30,385	29,801	28,753
612	Glazing	3,532	3,497	3,475	3,414	3,377	3,339	3,513	3,505	3,430	3,322
613	Paint shops and wall tilers	27,022	27,101	27,049	26,878	26,649	26,315	27,504	27,310	26,713	25,694
614	Floor tilers and paviours	11,246	11,853	12,509	12,747	12,964	13,207	14,799	15,040	14,825	14,034
615	Stove and furnace fitting	1,186	1,185	1,174	1,141	1,135	1,090	1,169	1,128	1,080	1,026
616	Scaffolding, facade cleaning	3,123	3,314	3,598	3,760	3,703	3,840	4,427	4,297	4,109	3,872
620	Wholesale	86,726	85,561	84,735	83,160	80,804	79,662	84,499	83,087	80,865	77,844
621	Wholesale on a fee or contract basis	53,344	53,879	54,548	54,706	53,111	53,728	66,736	67,276	65,885	63,273
622	Department stores (retail sale)	2,077	2,071	2,080	2,040	1,916	1,861	1,815	1,727	1,650	1,587
623	Retail sale of food and beverages, supermarkets, discounters	10,073	10,536	11,075	11,308	11,372	11,391	11,400	11,215	11,055	11,025
624	Mail order business	1,084	1,103	1,106	1,095	1,117	1,204	1,600	1,657	1,666	1,606
625	Other retail sale	271,441	273,191	273,925	273,719	270,051	273,756	332,530	332,904	329,605	320,267
630	German Federal Railways	1,664	1,595	1,470	3,381	3,737	3,845	3,973	3,769	3,414	3,339
631	Other railway organisations	157	153	172	175	177	181	191	196	200	208
640	German Federal Postal Administration	5,310	5,244	7,413	9,749	9,750	8,845	8,649	8,677	9,174	8,702
650	Passenger transport (except by railway)	17,118	17,280	17,113	17,181	17,234	17,388	22,482	22,947	23,049	22,661
651	Carriage of goods by motor vehicles	33,032	32,940	33,567	33,393	33,367	34,297	40,470	40,763	39,744	37,997
660	Inland water transport	1,633	1,627	1,644	1,627	1,578	1,551	1,555	1,542	1,501	1,477
661	Sea and coastal water transport	1,335	1,271	1,206	1,204	1,198	1,211	1,184	1,133	1,093	1,033
670	Forwarding agencies, storage and refrigerating storage houses	20,870	20,525	20,656	20,499	20,281	20,231	21,736	21,864	21,843	21,295
680	Aviation and airports	863	888	922	917	908	952	1,038	1,021	1,031	971
681	Pipeline transport	53	53	48	48	46	40	38	39	42	40

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
682	Activities of travel agencies and tour operators; tourist assistance activities	8,647	9,195	9,755	10,238	10,595	10,914	12,489	12,780	12,891	12,655
683	Shipping agents	807	795	822	804	803	803	816	818	811	795
690	Monetary and other financial intermediation	21,312	21,396	21,507	21,352	21,100	21,492	22,946	23,390	23,172	22,278
691	Insurance and pension funding	23,186	23,205	23,634	23,779	23,716	25,255	35,334	36,696	36,989	36,531
700	Hotels, camping sites and other provision of short-stay accommodation	21,937	22,416	22,703	22,504	22,092	22,072	26,329	26,415	26,233	25,896
701	Accommodation of organisations	1,281	1,272	1,302	1,303	1,247	1,237	1,284	1,267	1,229	1,230
702	Accommodation of social insurance agencies	314	310	314	306	282	275	291	277	277	275
703	Restaurants	115,556	116,152	116,489	117,159	116,280	117,137	151,515	153,834	153,688	151,487
710	Commercially used homes	3,903	4,092	4,284	4,485	4,769	4,881	5,319	5,387	5,483	5,549
711	Nursing, care, residential and other privately funded homes n.e.c.	5,818	5,872	6,018	6,111	6,283	6,335	6,615	6,700	6,717	6,760
712	Homes funded by regional authorities and social insurance agencies	1,525	1,479	1,518	1,531	1,525	1,473	1,476	1,466	1,461	1,427
720	Laundry, dry-cleaning shops and hot mangle	6,162	5,979	5,810	5,540	5,330	5,225	8,155	8,142	7,931	7,595
721	Industrial cleaning	11,042	11,523	12,105	12,532	12,863	13,431	18,915	20,041	20,735	20,938
722	Chimney sweeping services	7,466	7,631	7,724	7,782	7,810	7,862	7,904	7,880	7,984	7,871
730	Hairdressing	40,897	40,865	41,011	41,140	41,080	40,981	45,622	46,005	46,270	45,922
731	Services and activities related to cosmetics, manicure and pedicure	3,737	3,794	3,891	3,983	3,952	4,210	8,062	8,878	9,521	9,946
740	Academic libraries, archives	884	858	859	919	964	1,036	1,815	1,954	2,046	1,995
741	Higher education academies of organisations	1,473	1,493	1,478	1,517	1,519	1,541	1,701	1,770	1,828	1,851
742	Higher education academies of	1,095	1,091	1,063	1,074	1,084	1,127	1,219	1,236	1,258	1,277

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	social insurance bodies										
743	Comprehensive schools	576	561	565	610	654	677	808	857	888	882
744	Comprehensive schools of organisations	992	982	983	1,020	1,033	1,050	1,104	1,107	1,115	1,139
745	Municipal comprehensive schools	9,045	9,518	9,897	10,107	10,121	10,272	10,611	10,485	10,480	10,440
746	Vocational schools	3,489	3,471	3,489	3,578	3,650	3,807	4,516	4,689	4,825	4,902
747	Vocational schools of organisations	1,670	1,688	1,718	1,761	1,826	1,882	1,992	2,019	2,023	2,008
748	Municipal vocational schools	2,140	2,092	2,022	2,011	2,009	2,031	2,062	2,062	2,052	2,049
750	Self-employed teachers, driving schools, zoos	10,913	10,774	10,743	10,932	11,125	11,405	16,641	17,109	17,232	17,266
751	Other educational institutions of organisations	1,138	1,165	1,222	1,278	1,363	1,387	1,661	1,764	1,814	1,824
752	Other municipal educational institutions	587	599	608	621	631	639	734	733	729	721
753	Private educational institutions, primary education	1,041	1,123	1,215	1,364	1,533	1,641	1,998	2,106	2,230	2,291
754	Educational institutions and playschools of organisations	11,966	12,501	13,004	13,411	13,924	14,213	14,917	15,246	15,425	15,527
755	Municipal educational institutions, playschools	2,175	2,140	2,247	2,308	2,387	2,422	2,444	2,433	2,440	2,426
756	Private sports halls	3,177	3,333	3,507	3,870	4,171	4,637	8,171	8,637	8,976	9,080
757	Sports halls and fields of organisations	180	179	175	185	203	205	323	343	338	341
758	Municipal sports halls and fields	960	953	920	932	916	897	905	910	884	864
760	Private theatres, operas and choirs	684	685	708	718	752	786	1,023	1,084	1,089	1,073
761	Theatres and operas of organisations	107	120	112	115	116	117	165	173	179	174
762	Municipal theatres and operas	215	206	192	198	200	203	229	230	231	228
763	Motion picture and video activities	4,381	4,098	3,926	3,975	4,091	4,189	5,659	5,775	5,817	5,687
764	Radio and television activities	524	548	563	601	618	653	724	752	775	774

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
765	Self-employed artists and performers	1,736	1,701	1,707	1,733	1,785	1,834	2,902	3,022	3,102	2,958
770	Publishers of books, newspapers and journals	6,215	6,267	6,410	6,538	6,560	6,725	7,596	7,771	7,841	7,578
771	Lending libraries and reader circles	226	222	213	210	215	214	255	247	238	231
772	Educational libraries of organisations	49	51	46	48	54	35	39	41	43	41
773	Educational municipal libraries	333	337	341	361	357	344	348	349	332	320
774	News agency activities	1,192	1,161	1,123	1,174	1,203	1,261	2,322	2,429	2,520	2,428
780	Freelance human health activities	128,372	133,528	137,664	141,530	144,107	147,517	164,831	167,817	169,775	170,814
781	Private hospitals and sanatoria	10,527	10,643	10,640	10,990	10,527	10,847	13,386	13,337	13,278	13,175
782	Hospitals and sanatoria of organisations	2,616	2,643	2,623	2,637	2,648	2,654	2,793	2,827	2,829	2,826
783	Municipal hospitals and sanatoria	1,530	1,468	1,418	1,355	1,350	1,349	1,390	1,390	1,411	1,399
784	Hospitals and sanatoria of social insurance bodies	418	416	398	396	404	422	431	444	447	437
785	Freelance veterinary activities	3,389	3,613	3,796	3,718	3,791	4,197	5,350	5,470	5,604	5,690
790	Solicitor's offices, notary's offices, legal advisory services	24,899	25,652	26,525	27,488	28,241	29,282	34,087	35,505	35,953	36,009
791	Business and management consultancy	52,236	53,909	55,434	57,535	59,625	63,029	80,621	86,766	91,044	91,281
800	Architectural and engineering activities and related technical consultancy	58,609	62,001	63,503	63,750	63,658	64,592	78,263	80,351	79,932	77,350
801	Technical testing and analysis, chemical engineering	1,189	1,252	1,250	1,296	1,325	1,357	1,505	1,525	1,546	1,558
810	Real estate activities, property management	44,032	47,177	49,832	50,975	52,558	54,891	149,365	156,954	156,193	150,369
820	Advertising design and consultancy	14,281	14,664	14,660	15,055	15,504	16,606	21,953	23,502	24,315	23,883
821	Private exhibition and fair organisers	745	810	877	938	1,039	1,169	1,604	1,873	2,061	2,167

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
822	Municipal exhibition and fair organisers	92	92	84	89	84	94	118	128	126	116
830	Photography	3,801	3,750	3,588	3,476	3,418	3,383	3,887	3,876	3,778	3,621
840	Private spa	35	39	35	31	30	32	52	47	49	56
841	Municipal spa	38	41	36	38	31	36	35	33	29	28
842	Private street cleaning, refuse collection	3,367	3,917	4,410	4,571	4,655	4,868	5,365	5,433	5,394	5,345
843	Municipal street cleaning, refuse collection	1,300	1,333	1,347	1,343	1,308	1,318	1,361	1,361	1,349	1,318
844	Private funeral parlour	2,255	2,278	2,296	2,332	2,383	2,422	3,174	3,248	3,252	3,241
845	Municipal funeral parlour	486	471	464	462	464	470	551	530	519	514
850	Pawnshops, activities related to auction	350	355	357	366	373	383	450	461	459	451
851	Renting of moveable objects	7,225	7,329	7,328	7,493	7,790	8,079	10,087	10,201	10,201	10,015
860	Show business and rides	3,019	2,955	2,882	2,898	2,846	2,776	3,134	3,144	3,176	3,108
861	Security and storage activities; courier services	4,198	4,660	5,051	5,412	5,845	7,236	12,555	14,688	15,993	16,985
862	Inquiry office, typing pool, translations service	5,074	5,111	5,026	5,217	5,371	5,827	9,836	11,004	11,716	11,852
863	Filling and packaging activities	762	796	851	903	970	1,026	1,347	1,432	1,488	1,484
864	Betting and gambling activities, activities related to lottery	5,189	5,191	5,295	5,271	5,394	5,477	7,307	7,461	7,385	7,217
865	Labour recruitment and provision of personnel	2,821	2,936	3,422	3,787	4,121	4,611	5,497	6,324	7,049	7,209
870	Activities of business and professional organisations	5,203	5,227	5,279	5,287	5,118	5,045	5,970	6,058	6,035	5,925
871	Activities of trade unions, employers' organisations	2,102	2,033	1,986	1,852	1,742	1,607	1,620	1,564	1,523	1,302
872	Business and trade associations	1,687	1,673	1,672	1,668	1,655	1,649	1,772	1,802	1,805	1,769
880	Activities related to welfare	7,738	8,225	8,433	8,854	9,421	9,729	11,116	11,507	11,889	12,010
881	Political parties	7,150	7,539	7,921	8,033	7,593	7,679	9,814	10,195	10,151	10,003
882	Educational, scientific and cultural organisations	4,470	4,791	5,458	6,038	6,230	6,657	9,951	10,913	11,451	11,756

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
883	Sporting activities; youth care	6,858	7,429	8,210	8,671	8,354	8,540	16,016	17,075	17,454	17,185
890	Christian Churches, fraternities	18,118	18,599	19,690	19,953	19,780	20,105	27,816	27,983	28,425	28,534
900	Private households	28,358	27,972	27,591	27,248	28,989	31,646	51,838	57,939	59,458	54,217
910	Political management	16,482	15,718	15,227	14,794	14,171	14,053	15,468	15,518	15,604	15,331
911	Body of jurisdiction	1,543	1,543	1,549	1,567	1,571	1,586	1,620	1,615	1,633	1,616
912	Other municipal bodies	10,369	10,383	10,223	10,022	9,835	9,829	9,894	9,737	9,665	9,477
920	National defence, public safety	2,222	2,151	2,153	2,595	2,550	2,527	2,623	2,600	2,526	2,501
921	Foreign armed forces stationed in the FRG	315	282	256	234	206	212	201	176	167	153
930	Social insurance	6,773	6,588	6,389	6,411	6,517	6,582	6,672	6,554	6,633	6,056
940	Representation of foreign countries	955	1,007	1,104	1,109	1,004	1,097	1,062	1,040	1,081	1,060
950	Frontier worker	4	7	5	4	6	5	11	16	49	40
951	Former cases (the Federal Employment Agency is contacted by notifying institutions from abroad)	5	6	4	3	Insufficient number of cases	Insufficient number of cases	-	-	Insufficient number of cases	Insufficient number of cases
952	Former cases (health insurance is contacted by notifying institutions from abroad) – casually employed persons	8	8	6	6	Insufficient number of cases	-	Insufficient number of cases	-	-	-
953	Rehabilitation centres	3	4	6	9	13	72	93	132	132	134
954	Sheltered workshops	Insufficient number of cases	4	13	28	69	328	281	404	425	425
995	Employment agency as notifying institution of early retirement	3	Insufficient number of cases	Insufficient number of cases	Insufficient number of cases	-	Insufficient number of cases	Insufficient number of cases	Insufficient number of cases	-	-
996	Vocational training in schools/ vocational preparation models	28	9	9	9	7	5	3	5	4	3
997	Other	7	4	3	3	3	Insufficient number of cases	3	Insufficient number of cases	Insufficient number of cases	Insufficient number of cases
998	Federal authorities for compensation according to the Federal	Insufficient number of	Insufficient number of	Insufficient number of	30	-	-	-	-	-	-

Variable label		Industry 73									
Variable name		w73									
Value	Value label	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
	Communicable Disease Act	cases	cases	cases							
Total establishments		1,946,497	1,971,681	1,998,023	2,011,647	2,009,929	2,040,353	2,489,277	2,533,491	2,529,557	2,474,749

Table 5: Industry 93 (WZ 93) 3-digit

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
- 9	Allocation not possible	3,861	4,595	5,317	6,170	90,110
11	Growing of crops; market gardening; horticulture	22,375	22,354	21,903	21,349	20,750
12	Farming of animals	9,721	9,529	9,397	9,403	9,184
13	Growing of crops combined with farming of animals (mixed farming)	23,801	23,144	22,598	22,291	21,657
14	Agricultural and animal husbandry service activities, except veterinary activities	17,934	18,754	19,027	19,021	18,766
15	Hunting, trapping and game propagation, including related service activities	22	22	21	21	25
20	Forestry, logging and related service activities	4,790	4,883	4,707	4,505	4,356
50	Fishing, operation of fish hatcheries and fish farms; service activities incidental to fishing	969	931	943	897	892
101	Mining and agglomeration of hard coal	67	65	56	51	50
102	Mining and agglomeration of lignite	42	42	41	40	35
103	Extraction and agglomeration of peat	133	129	129	126	116
111	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction, excluding surveying	66	64	67	59	76
112	Service activities incidental to oil and gas extraction, excluding surveying	45	46	46	43	50
120	Mining of uranium and thorium ores	-	-	Insufficient number of cases	Insufficient number of cases	4
131	Mining of iron ores	8	8	8	9	8
132	Mining of non-ferrous metal ores, except uranium and thorium ores	28	28	26	24	26
141	Quarrying of stone	1,385	1,385	1,367	1,302	1,261
142	Quarrying of sand and clay	1,839	1,775	1,725	1,656	1,593
143	Mining of chemical and fertilizer minerals	53	48	44	39	38
144	Production of salt	23	22	23	25	23
145	Other mining and quarrying n.e.c.	244	232	228	234	232

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
151	Production, processing and preserving of meat and meat products	17,033	16,571	15,896	15,401	14,870
152	Processing and preserving of fish and fish products	289	280	265	264	255
153	Processing and preserving of fruit and vegetables	693	700	695	670	650
154	Manufacture of vegetable and animal oils and fats	94	86	92	90	95
155	Manufacture of dairy products	743	705	674	641	598
156	Manufacture of grain mill products, starches and starch products	1,010	961	932	901	894
157	Manufacture of prepared animal feeds	336	342	345	349	344
158	Manufacture of other food products	21,800	21,128	20,341	19,589	18,793
159	Manufacture of beverages	2,741	2,691	2,653	2,543	2,462
160	Manufacture of tobacco products	64	62	59	58	57
171	Preparation and spinning of textile fibres	295	274	275	247	232
172	Textile weaving	515	481	467	433	404
173	Finishing of textiles	721	726	729	698	662
174	Manufacture of made-up textile articles, except apparel	1,122	1,125	1,090	1,048	999
175	Manufacture of other textiles	1,210	1,204	1,194	1,139	1,082
176	Manufacture of knitted and crocheted fabrics	709	664	613	574	528
177	Manufacture of knitted and crocheted articles	138	136	131	115	100
181	Manufacture of leather clothes	209	202	186	162	155
182	Manufacture of other wearing apparel and accessories	4,533	4,382	4,181	3,867	3,512
183	Dressing and dyeing of fur; manufacture of articles of fur	466	430	400	353	330
191	Tanning and dressing of leather	118	114	107	96	90
192	Manufacture of luggage, handbags and the like, saddlery and harness	836	817	792	748	711
193	Manufacture of footwear	726	709	672	625	605
201	Sawmilling and planing of wood; impregnation of wood	2,989	2,891	2,771	2,623	2,535

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
202	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board, fibre board and other panels and boards	275	273	265	251	233
203	Manufacture of builders' carpentry and joinery	10,085	10,084	9,812	9,333	8,854
204	Manufacture of wooden containers	696	683	684	670	664
205	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials	2,569	2,473	2,431	2,250	2,110
211	Manufacture of pulp, paper and paperboard	727	701	684	666	653
212	Manufacture of articles of paper and paperboard	1,675	1,685	1,691	1,636	1,589
221	Publishing	7,661	7,831	7,921	7,669	7,285
222	Printing and service activities related to printing	15,224	14,986	14,584	13,998	13,286
223	Reproduction of recorded media	182	200	203	205	204
231	Manufacture of coke oven products	6	6	5	4	4
232	Manufacture of refined petroleum products	194	178	177	187	182
233	Processing of nuclear fuel	8	9	8	8	8
241	Manufacture of basic chemicals	1,342	1,343	1,384	1,373	1,355
242	Manufacture of pesticides and other agro-chemical products	36	34	32	36	41
243	Manufacture of paints, varnishes and similar coating, printing ink and mastics	612	606	593	602	582
244	Manufacture of pharmaceuticals, medicinal chemicals and botanical products	1,085	1,106	1,120	1,084	1,086
245	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations	600	597	600	613	587
246	Manufacture of other chemical products	984	993	995	960	949
247	Manufacture of man-made fibres	122	127	127	124	126
251	Manufacture of rubber products	1,369	1,364	1,346	1,337	1,287
252	Manufacture of plastic products	8,246	8,235	8,134	7,985	7,717
261	Manufacture of glass and glass products	1,357	1,315	1,304	1,251	1,206
262	Manufacture of non-refractory ceramic goods other than for construction purposes; manufacture of re-	1,159	1,118	1,059	1,010	948

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
	fractory ceramic products					
263	Manufacture of ceramic tiles and flags	52	54	57	56	50
264	Manufacture of bricks, tiles and construction products, in baked clay	471	461	449	425	383
265	Manufacture of cement, lime and plaster	154	143	142	136	131
266	Manufacture of articles of concrete, plaster and cement	3,838	3,766	3,654	3,450	3,252
267	Cutting, shaping and finishing of stone	4,625	4,605	4,594	4,522	4,383
268	Manufacture of other non-metallic mineral products	272	272	284	277	266
271	Manufacture of basic iron and steel and of ferro-alloys (ECSC1)	542	535	524	503	490
272	Manufacture of tubes	611	606	591	572	541
273	Other first processing of iron and steel and production of non-ECSC1 ferro-alloys	1,505	1,502	1,460	1,440	1,391
274	Manufacture of basic precious and non-ferrous metals	730	760	775	771	742
275	Casting of metals	1,157	1,141	1,123	1,094	1,030
281	Manufacture of structural metal products	12,221	12,523	12,611	12,424	11,999
282	Manufacture of tanks, reservoirs and containers of metal; manufacture of central heating radiators and boilers	573	575	569	532	523
283	Manufacture of steam generators, except central heating hot water boilers	272	272	254	243	219
284	Forging, pressing, stamping and roll forming of metal; powder metallurgy	508	517	525	523	513
285	Treatment and coating of metals; general mechanical engineering	22,232	22,319	22,131	21,494	20,704
286	Manufacture of cutlery, tools and general hardware	3,330	3,348	3,295	3,223	3,144
287	Manufacture of other fabricated metal products	6,472	6,513	6,528	6,460	6,250
291	Manufacture of machinery for the production and use of mechanical power, except aircraft, vehicle and cycle engines	2,694	2,731	2,729	2,702	2,670
292	Manufacture of other general purpose machinery	5,420	5,515	5,605	5,536	5,425

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
293	Manufacture of agricultural and forestry machinery	4,111	4,073	4,008	3,925	3,832
294	Manufacture of machine-tools	5,727	5,722	5,730	5,652	5,550
295	Manufacture of other special purpose machinery	6,201	6,208	6,247	6,079	5,893
296	Manufacture of weapons and ammunition	130	130	125	118	118
297	Manufacture of domestic appliances n.e.c.	827	807	805	769	738
300	Manufacture of office machinery and computers	1,173	1,214	1,216	1,152	1,103
311	Manufacture of electric motors, generators and transformers	1,449	1,452	1,441	1,411	1,360
312	Manufacture of electricity distribution and control apparatus	1,578	1,590	1,593	1,536	1,502
313	Manufacture of insulated wire and cable	558	575	572	556	544
314	Manufacture of accumulators, primary cells and primary batteries	143	141	137	138	137
315	Manufacture of lighting equipment and electric lamps	862	868	854	824	805
316	Manufacture of electrical equipment n.e.c.	2,048	2,058	2,054	1,990	1,970
321	Manufacture of electronic valves and tubes and other electronic components	1,143	1,234	1,287	1,311	1,256
322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy	1,231	1,309	1,319	1,268	1,165
323	Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods	779	759	726	687	677
331	Manufacture of medical and surgical equipment and orthopaedic appliances	11,551	11,695	11,816	11,834	11,873
332	Manufacture of instruments and appliances for measuring, checking, testing, navigating and other purposes, except industrial process control equipment	5,679	5,723	5,793	5,687	5,527
333	Manufacture of industrial process control equipment	514	538	539	537	535
334	Manufacture of optical instruments and photographic equipment	2,328	2,317	2,352	2,315	2,322
335	Manufacture of watches and clocks	245	235	222	208	189
341	Manufacture of motor vehicles	363	370	378	364	359

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
342	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers	1,430	1,438	1,411	1,356	1,336
343	Manufacture of parts and accessories for motor vehicles and their engines	944	977	1,011	1,032	1,033
351	Building and repairing of ships and boats	679	678	672	653	631
352	Manufacture of railway and tramway locomotives and rolling stock	186	196	194	183	185
353	Manufacture of aircraft and spacecraft	323	325	327	308	300
354	Manufacture of motorcycles and bicycles	275	279	263	247	249
355	Manufacture of other transport equipment n.e.c.	392	389	371	362	353
361	Manufacture of furniture	14,559	14,401	13,914	13,141	12,418
362	Manufacture of jewellery and related articles	2,472	2,443	2,357	2,236	2,123
363	Manufacture of musical instruments	877	870	881	852	823
364	Manufacture of sports goods	246	247	250	249	245
365	Manufacture of games and toys	699	674	653	617	579
366	Miscellaneous manufacturing n.e.c.	1,389	1,359	1,320	1,285	1,218
371	Recycling of metal waste and scrap	780	786	802	769	761
372	Recycling of non-metal waste and scrap	1,942	1,961	2,004	2,007	1,948
401	Production and distribution of electricity	2,904	3,013	3,110	3,040	3,003
402	Manufacture of gas; distribution of gaseous fuels through mains	491	483	490	484	473
403	Steam and hot water supply	254	247	245	245	238
410	Collection, purification and distribution of water	1,094	1,096	1,105	1,105	1,084
451	Site preparation	5,137	5,244	5,076	4,910	4,580
452	Building of complete constructions or parts thereof; civil engineering	82,505	81,997	78,691	74,782	70,859
453	Building installation	90,422	90,888	89,227	86,492	83,566
454	Building completion	75,516	75,543	73,517	70,037	66,486
455	Renting of construction and demolition equipment with operator	708	716	736	714	690
501	Sale of motor vehicles	14,572	14,793	15,011	15,095	14,710

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
502	Maintenance and repair of motor vehicles	41,531	41,887	41,583	40,943	40,190
503	Sale of motor vehicle parts and accessories	8,320	8,442	8,515	8,371	8,282
504	Sale, maintenance and repair of motorcycles and related parts and accessories	2,850	2,944	2,944	2,932	2,857
505	Retail sale of automotive fuel	11,401	11,570	11,546	11,516	11,155
511	Wholesale on a fee or contract basis	54,914	55,229	53,956	51,482	49,061
512	Wholesale of agricultural raw materials and live animals	4,951	4,813	4,595	4,474	4,294
513	Wholesale of food, beverages and tobacco	14,128	13,867	13,433	12,988	12,361
514	Wholesale of household goods	22,008	21,783	21,371	20,607	19,773
515	Wholesale of non-agricultural intermediate products, waste and scrap	21,801	21,355	20,739	19,953	18,989
516	Wholesale of machinery, equipment and supplies	9,917	9,860	9,647	9,291	8,830
517	Other wholesale	9,121	8,751	8,382	7,886	7,516
521	Retail sale in non-specialized stores	52,931	52,151	50,973	49,637	47,156
522	Retail sale of food, beverages and tobacco in specialized stores	36,488	36,343	36,347	35,783	34,313
523	Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles	35,433	35,659	35,727	35,422	35,062
524	Other retail sale of new goods in specialized stores	183,105	183,101	180,657	173,908	164,399
525	Retail sale of second-hand goods in stores	5,223	5,186	5,013	4,782	4,425
526	Retail sale not in stores	12,087	12,325	12,072	11,649	11,191
527	Repair of personal and household goods	8,744	8,624	8,394	8,046	7,595
551	Hotels	25,710	25,773	25,489	25,034	24,080
552	Camping sites and other provision of short-stay accommodation	5,175	5,240	5,224	5,228	5,049
553	Restaurants	120,143	121,726	121,762	120,369	113,897
554	Bars	20,681	20,707	20,176	19,355	17,750
555	Canteens and catering	9,078	9,700	10,029	10,283	9,973
601	Transport via railways	3,820	3,657	3,381	3,313	3,373
602	Other land transport	54,906	55,436	54,649	52,778	50,381

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
603	Transport via pipelines	53	54	50	50	46
611	Sea and coastal water transport	999	949	913	863	774
612	Inland water transport	1,393	1,372	1,342	1,316	1,302
621	Scheduled air transport	443	414	416	380	354
622	Non-scheduled air transport	146	149	156	157	150
623	Space transport	3	3	Insufficient number of cases	Insufficient number of cases	Insufficient number of cases
631	Cargo handling and storage	2,440	2,430	2,395	2,309	2,211
632	Other supporting transport activities	1,639	1,601	1,511	1,486	1,503
633	Activities of travel agencies and tour operators; tourist assistance activities n.e.c.	12,690	12,972	13,096	12,853	12,387
634	Activities of other transport agencies	25,159	25,188	25,024	24,382	23,371
641	Post and courier activities	11,324	11,774	11,985	12,005	11,219
642	Telecommunications	1,635	2,119	2,844	2,478	1,917
651	Monetary intermediation	18,223	18,299	17,775	16,990	16,271
652	Other financial intermediation	1,444	1,514	1,578	1,539	1,432
660	Insurance and pension funding, except compulsory social security	4,749	4,778	4,589	4,429	4,316
671	Activities auxiliary to financial intermediation, except insurance and pension funding	3,627	3,898	4,090	4,038	4,019
672	Activities auxiliary to insurance and pension funding	30,684	31,980	32,430	32,113	31,746
701	Real estate activities with own property	8,942	8,687	8,152	7,517	6,888
702	Letting of own property	61,261	66,550	66,977	64,459	59,769
703	Real estate activities on a fee or contract basis	69,229	70,748	69,433	66,677	62,872
711	Renting of automobiles	2,462	2,503	2,452	2,350	2,306
712	Renting of other transport equipment	1,004	1,012	1,037	990	954
713	Renting of other machinery and equipment	3,198	3,194	3,200	3,147	3,127
714	Renting of personal household goods n.e.c.	4,974	4,950	4,915	4,917	4,694
721	Hardware consultancy	1,166	1,251	1,277	1,257	1,197

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
722	Software consultancy and supply	17,368	20,445	23,025	23,207	22,343
723	Data processing	3,207	3,444	3,683	3,625	3,464
724	Database activities	59	75	87	81	86
725	Maintenance and repair of office, accounting and computing machinery	1,232	1,289	1,322	1,232	1,195
726	Other computer related activities	329	557	843	877	853
731	Research and experimental development on natural sciences and engineering	3,025	3,250	3,472	3,523	3,514
732	Research and experimental development on social sciences and humanities	625	648	667	656	635
741	Legal, accounting, book-keeping and auditing activities; tax consultancy; market research and public opinion polling; business and management consultancy; holdings	101,890	107,241	110,111	110,449	109,201
742	Architectural and engineering activities and related technical consultancy	64,898	65,524	64,255	61,902	58,706
743	Technical testing and analysis	4,583	4,644	4,674	4,556	4,451
744	Advertising	19,278	20,670	21,457	21,144	19,914
745	Labour recruitment and provision of personnel	5,871	6,731	7,521	7,761	7,656
746	Investigation and security activities	4,335	4,486	4,490	4,522	4,325
747	Industrial cleaning	25,277	26,234	26,946	26,991	26,539
748	Miscellaneous business activities n.e.c.	29,984	33,457	35,512	36,369	36,294
751	Administration of the State and the economic and social policy of the community	24,730	24,641	24,634	24,221	23,571
752	Provision of services to the community as a whole	4,466	4,470	4,458	4,407	4,362
753	Compulsory social security activities	6,551	6,430	6,522	5,960	5,858
801	Primary education	21,544	21,795	21,991	22,166	22,506
802	Secondary education	11,849	11,901	11,928	11,793	11,861
803	Higher education	716	729	736	726	709
804	Adult and other education	20,513	21,236	21,538	21,703	21,148
851	Human health activities	176,543	179,428	181,449	182,548	182,392

Variable label		Industry 93 3-digit				
Variable name		w93_gr				
Value	Value label	1999	2000	2001	2002	2003
852	Veterinary activities	5,825	5,983	6,132	6,220	6,210
853	Social work activities	36,308	37,210	37,783	37,981	37,625
900	Sewage and refuse disposal, sanitation and similar activities	5,773	5,796	5,737	5,649	5,542
911	Activities of business, employers' and professional organizations	7,427	7,533	7,510	7,354	7,167
912	Activities of trade unions	1,303	1,235	1,183	959	919
913	Activities of other membership organizations	47,840	49,345	50,275	50,496	49,861
921	Motion picture and video activities	3,468	3,653	3,705	3,641	3,416
922	Radio and television activities	916	938	949	933	893
923	Other entertainment activities	8,255	8,564	8,711	8,465	8,059
924	News agency activities	1,749	1,833	1,929	1,865	1,738
925	Library, archives, museums and other cultural activities	2,052	2,066	2,062	2,022	1,957
926	Sporting activities	19,513	20,770	21,251	21,019	19,763
927	Other recreational activities	9,810	10,156	10,240	10,168	9,865
930	Other service activities	72,876	74,840	76,038	76,085	74,230
950	Private households with employed persons	52,570	58,635	60,148	54,892	53,156
990	Extra-territorial organizations and bodies	1,244	1,191	1,199	1,151	1,172
Total BeH spells		2,489,280	2,533,494	2,529,558	2,474,747	2,472,556

Table 6: Location German state (Bundesland)

Variable label		German state					
Variable name		bula					
Value	Value labels	1993	1994	1995	1996	1997	1998
-7	No response	1,382	2,813	3,237	2,546	2,344	1,463
1	Schleswig-Holstein	71,368	71,690	72,257	72,537	72,500	72,478
2	Hamburg	45,535	44,974	44,859	44,921	44,872	45,077
3	Lower Saxony	178,257	178,981	179,768	180,948	181,375	181,686
4	Bremen	15,765	15,564	15,617	15,537	15,436	15,468
5	North Rhine-Westphalia	393,346	392,347	394,666	397,416	397,003	399,397
6	Hesse	145,287	145,219	145,647	146,831	146,802	146,960
7	Rhineland-Palatinate	94,923	95,215	96,395	97,185	97,093	97,635
8	Baden-Württemberg	260,660	261,122	262,336	263,762	262,607	262,776
9	Bavaria	316,441	317,700	320,865	321,488	322,004	323,634
10	Saarland	23,792	23,695	23,883	24,118	24,129	24,143
11	Berlin	77,138	78,621	78,995	78,540	77,761	77,931
12	Brandenburg	56,807	60,850	64,094	65,410	66,194	70,351
13	Mecklenburg-Western Pomerania	40,674	43,611	45,971	47,256	47,586	50,658
14	Saxony	108,206	114,484	120,089	121,949	122,269	129,939
15	Saxony-Anhalt	56,940	60,620	62,905	64,303	63,770	68,508
16	Thuringia	59,982	64,178	66,442	66,902	66,187	72,254
Total		1,946,503	1,971,68	1,998,02	2,011,649	2,009,93	2,040,35

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Variable label		German state				
Variable name		bula				
Value	Value labels	1999	2000	2001	2002	2003
-7	No response	81	234	789	706	-
1	Schleswig-Holstein	91,510	93,571	93,336	91,049	91,484
2	Hamburg	56,876	58,500	58,660	57,268	57,344
3	Lower Saxony	227,184	232,533	232,347	228,123	228,647
4	Bremen	19,389	19,676	19,784	19,493	19,188
5	North Rhine-Westphalia	498,338	513,137	515,996	505,787	507,544
6	Hesse	180,608	185,547	186,494	182,725	182,412
7	Rhineland-Palatinate	122,462	126,008	126,926	124,130	124,276
8	Baden-Württemberg	330,721	338,089	337,720	330,203	329,205
9	Bavaria	409,804	418,427	419,534	412,360	412,400
10	Saarland	30,196	30,896	30,993	30,331	30,246
11	Berlin	94,033	96,304	96,450	94,372	94,201
12	Brandenburg	77,207	75,764	74,714	72,956	72,239
13	Mecklenburg-Western Pomerania	55,702	55,347	54,073	53,062	52,743
14	Saxony	142,614	140,438	137,090	132,276	131,559
15	Saxony-Anhalt	73,868	72,254	70,498	68,044	68,279
16	Thuringia	78,687	76,769	74,157	71,866	70,791
Total		2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 7: Location East/ West according to district code

Variable label	East/ West according to district code					
Variable name	ow_kreis					
Value labels	1993	1994	1995	1996	1997	1998
Allocation not possible (-9)	9,377	8,038	8,299	7,201	214	Insufficient number of cases
No response (-7)	1,382	2,813	3,237	2,546	2,344	1,463
West	1,600,220	1,603,641	1,613,166	1,620,550	1,616,412	1,621,134
East	335,524	357,192	373,324	381,352	390,962	417,760
Total	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,357

Variable label	East/ West according to district code				
Variable name	ow_kreis				
Value labels	1999	2000	2001	2002	2003
No response (-7)	81	234	789	706	-
West	2,031,066	2,081,853	2,087,933	2,046,063	2,046,951
East	458,133	451,407	440,839	427,982	425,607
Total	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 8: Location East/ West according to establishment code number

Variable label	East/ West according to establishment code number					
Variable name	ow_bnr					
Value labels	1993	1994	1995	1996	1997	1998
West	1,600,083	1,602,660	1,612,468	1,619,703	1,618,183	1,622,356
East	346,420	369,024	385,558	391,946	391,749	418,002
Total	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variable label	East/ West according to establishment code number				
Variable name	ow_bnr				
Value labels	1999	2000	2001	2002	2003
West	2,031,108	2,082,070	2,087,783	2,045,836	2,047,432
East	458,172	451,424	441,778	428,915	425,126
Total	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 9: Total number of employment notifications

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_ges	az_ges	az_ges	az_ges	az_ges	az_ges
Mean	14.3	13.7	13.5	13.2	13.0	12.8
Median	3.0	3.0	3.0	3.0	3.0	3.0
Std. Dev.	131.0	121.8	116.1	111.9	109.7	110.0
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_ges	az_ges	az_ges	az_ges	az_ges
Mean	12.6	12.7	12.8	12.7	12.6
Median	3.0	3.0	3.0	3.0	3.0
Std. Dev.	95.9	101.7	102.5	102.1	102.1
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 10: Number of employees by main occupation

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_hpt	az_hpt	az_hpt	az_hpt	az_hpt	az_hpt
Mean	14.2	13.7	13.4	13.1	12.9	12.8
Median	3.0	3.0	3.0	3.0	3.0	3.0
Std. Dev.	130.8	121.7	116.0	111.8	109.6	109.9
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_hpt	az_hpt	az_hpt	az_hpt	az_hpt
Mean	12.2	12.3	12.4	12.4	12.2
Median	3.0	3.0	3.0	3.0	3.0
Std. Dev.	95.1	101.0	101.8	101.5	101.4
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 11: Number of unpaid employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_te0	az_te0	az_te0	az_te0	az_te0	az_te0
Mean	0.1	0.1	0.1	0.1	0.1	0.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	2.5	2.7	1.6	0.9	0.9	1.1
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_te0	az_te0	az_te0	az_te0	az_te0
Mean	0.1	0.1	0.1	0.1	0.1
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	1.1	0.8	1.0	0.9	0.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 12: Number of female employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_f	az_f	az_f	az_f	az_f	az_f
Mean	6.0	5.8	5.7	5.7	5.6	5.5
Median	1.0	1.0	1.0	1.0	1.0	1.0
Std. Dev.	46.1	43.9	42.4	41.0	39.4	39.7
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_f	az_f	az_f	az_f	az_f
Mean	6.0	6.0	6.1	6.1	6.1
Median	2.0	2.0	2.0	2.0	2.0
Std. Dev.	38.0	38.2	38.4	38.6	38.3
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 13: Number of German citizens employed

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_d	az_d	az_d	az_d	az_d	az_d
Mean	13.1	12.7	12.4	12.1	12.0	11.9
Median	3.0	3.0	3.0	3.0	3.0	3.0
Std. Dev.	118.0	110.1	104.8	100.8	98.8	99.7
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_d	az_d	az_d	az_d	az_d
Mean	11.7	11.8	11.9	11.8	11.8
Median	3.0	3.0	3.0	3.0	3.0
Std. Dev.	86.7	92.2	92.8	92.6	92.7
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 14: Number of unskilled employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_gq	az_gq	az_gq	az_gq	az_gq	az_gq
Mean	2.7	2.5	2.4	2.3	2.2	2.2
Median	0.0	0.0	0.0	2.0	0.0	0.0
Std. Dev.	31.9	28.3	25.6	24.0	23.1	22.5
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_gq	az_gq	az_gq	az_gq	az_gq
Mean	2.1	2.1	2.1	2.0	1.9
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	20.0	22.0	22.2	21.5	21.0
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 15: Number of qualified employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_mq	az_mq	az_mq	az_mq	az_mq	az_mq
Mean	9.4	9.1	8.9	8.8	8.6	8.4
Median	2.0	2.0	2.0	2.0	2.0	2.0
Std. Dev.	84.1	79.2	76.4	74.5	73.5	73.2
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_mq	az_mq	az_mq	az_mq	az_mq
Mean	7.5	7.5	7.4	7.4	7.3
Median	2.0	1.0	1.0	1.0	1.0
Std. Dev.	62.3	67.0	67.3	67.0	67.5
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 16: Number of highly qualified employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_hq	az_hq	az_hq	az_hq	az_hq	az_hq
Mean	1.1	1.0	1.0	1.0	1.0	1.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	22.3	21.5	21.0	21.0	20.3	21.3
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_hq	az_hq	az_hq	az_hq	az_hq
Mean	0.9	0.9	1.0	1.0	1.0
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	19.9	19.9	20.4	21.2	21.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 17: Number of employees with unknown qualification by vocational education

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_uq	az_uq	az_uq	az_uq	az_uq	az_uq
Mean	1.1	1.1	1.1	1.1	1.1	1.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	15.6	13.4	12.4	11.3	10.6	10.6
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_uq	az_uq	az_uq	az_uq	az_uq
Mean	2.0	2.2	2.3	2.3	2.5
Median	0.0	0.0	0.0	1.0	1.0
Std. Dev.	15.3	15.9	15.9	15.7	15.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 18: Number of employees with unknown qualification by vocational education and occupational status

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_uq_ub	az_uq_ub	az_uq_ub	az_uq_ub	az_uq_ub	az_uq_ub
Mean	1.0	1.0	1.0	1.1	1.1	1.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	15.3	13.2	12.3	11.2	10.5	10.5
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_uq_ub	az_uq_ub	az_uq_ub	az_uq_ub	az_uq_ub
Mean	2.0	2.2	2.2	2.3	2.4
Median	0.0	0.0	0.0	1.0	1.0
Std. Dev.	15.3	15.8	15.8	15.6	15.8
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 19: Number of trainees/ apprentices by person group

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_az102	az_az102	az_az102	az_az102	az_az102	az_az102
Mean	0.8	0.7	0.7	0.7	0.7	0.7
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	7.3	6.8	6.0	5.7	6.1	6.6
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_az102	az_az102	az_az102	az_az102	az_az102
Mean	0.6	0.6	0.6	0.6	0.6
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	6.4	6.7	6.6	6.4	6.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 20: Number trainees/ apprentices by occupational status

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_az0	az_az0	az_az0	az_az0	az_az0	az_az0
Mean	0.8	0.7	0.7	0.7	0.7	0.7
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	7.3	6.8	6.0	5.7	6.1	6.8
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_az0	az_az0	az_az0	az_az0	az_az0
Mean	0.6	0.6	0.6	0.6	0.6
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	6.6	6.9	6.8	6.7	6.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 21: Number of non-formally qualified employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_nfq	az_nfq	az_nfq	az_nfq	az_nfq	az_nfq
Mean	2.6	2.5	2.4	2.3	2.2	2.2
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	42.3	37.6	35.7	34.0	32.9	33.3
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_nfq	az_nfq	az_nfq	az_nfq	az_nfq
Mean	1.9	1.9	1.9	1.9	1.9
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	24.2	29.0	29.1	28.3	29.3
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 22: Number of skilled workers

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_fa	az_fa	az_fa	az_fa	az_fa	az_fa
Mean	3.2	3.1	3.0	2.9	2.8	2.7
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	38.4	35.7	34.3	33.2	32.3	31.8
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_fa	az_fa	az_fa	az_fa	az_fa
Mean	2.2	2.1	2.0	2.0	1.9
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	27.3	27.5	27.1	26.5	24.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 23: Number of master craftsmen and foremen

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_mp	az_mp	az_mp	az_mp	az_mp	az_mp
Mean	0.2	0.2	0.2	0.2	0.2	0.2
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	3.4	3.0	2.8	2.7	2.6	3.7
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_mp	az_mp	az_mp	az_mp	az_mp
Mean	0.2	0.2	0.1	0.1	0.1
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	3.3	3.3	3.2	3.3	3.3
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 24: Number of white-collar employees

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_ang	az_ang	az_ang	az_ang	az_ang	az_ang
Mean	5.7	5.5	5.4	5.3	5.2	5.2
Median	1.0	1.0	1.0	1.0	1.0	1.0
Std. Dev.	60.8	57.9	55.3	53.5	51.4	51.3
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_ang	az_ang	az_ang	az_ang	az_ang
Mean	4.4	4.4	4.4	4.4	4.3
Median	1.0	1.0	1.0	1.0	1.0
Std. Dev.	46.1	45.9	46.2	46.4	45.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 25: Number of employees working under 18 hours a week

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_ktz	az_ktz	az_ktz	az_ktz	az_ktz	az_ktz
Mean	0.3	0.3	0.3	0.3	0.2	0.2
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	2.7	2.6	2.4	2.4	2.7	3.0
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_ktz	az_ktz	az_ktz	az_ktz	az_ktz
Mean	1.9	2.1	2.1	2.1	2.2
Median	1.0	1.0	1.0	1.0	1.0
Std. Dev.	14.8	16.4	16.5	16.6	16.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 26: Number of employees working more than 18 hours a week

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_gtz	az_gtz	az_gtz	az_gtz	az_gtz	az_gtz
Mean	1.3	1.4	1.4	1.4	1.5	1.6
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	13.4	13.9	13.9	14.1	14.9	15.2
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_gtz	az_gtz	az_gtz	az_gtz	az_gtz
Mean	1.4	1.5	1.5	1.5	1.6
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	14.5	15.0	15.4	15.4	15.3
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 27: Number of "marginal" part-time workers

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_gf	az_gf	az_gf	az_gf	az_gf	az_gf
Mean	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	0.0	0.0	0.0	0.0	0.0	0.0
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_gf	az_gf	az_gf	az_gf	az_gf
Mean	1.7	1.8	1.8	1.8	2.1
Median	1.0	1.0	1.0	1.0	1.0
Std. Dev.	12.3	14.0	13.8	13.7	15.5
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 28: Number of employees aged 15 - 17

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_15_17	az_15_17	az_15_17	az_15_17	az_15_17	az_15_17
Mean	0.2	0.2	0.1	0.1	0.1	0.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	1.5	1.3	1.2	1.2	1.4	1.5
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_15_17	az_15_17	az_15_17	az_15_17	az_15_17
Mean	0.2	0.2	0.2	0.2	0.2
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	3.6	4.7	4.8	4.9	5.0
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 29: Number of employees aged 18 - 24

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_18_24	az_18_24	az_18_24	az_18_24	az_18_24	az_18_24
Mean	2.0	1.8	1.6	1.5	1.4	1.4
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	14.1	12.0	11.0	10.3	10.1	10.4
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_18_24	az_18_24	az_18_24	az_18_24	az_18_24
Mean	1.5	1.5	1.5	1.5	1.5
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	10.2	10.9	11.0	10.7	10.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 30: Number of employees aged 25 - 29

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_25_29	az_25_29	az_25_29	az_25_29	az_25_29	az_25_29
Mean	2.1	2.0	1.9	1.8	1.7	1.6
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	19.5	17.3	15.8	14.3	13.5	12.9
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_25_29	az_25_29	az_25_29	az_25_29	az_25_29
Mean	1.4	1.3	1.2	1.2	1.2
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	11.3	11.2	11.1	10.9	10.9
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 31: Number of employees aged 30 - 44

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_30_44	az_30_44	az_30_44	az_30_44	az_30_44	az_30_44
Mean	5.7	5.6	5.6	5.6	5.6	5.7
Median	1.0	1.0	1.0	1.0	1.0	1.0
Std. Dev.	54.9	53.4	52.8	52.5	52.2	52.9
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_30_44	az_30_44	az_30_44	az_30_44	az_30_44
Mean	5.4	5.4	5.4	5.4	5.3
Median	1.0	1.0	1.0	1.0	1.0
Std. Dev.	45.4	48.4	48.5	48.1	47.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 32: Number of employees aged 45 - 49

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_45_49	az_45_49	az_45_49	az_45_49	az_45_49	az_45_49
Mean	1.4	1.3	1.4	1.5	1.5	1.5
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	14.5	13.7	13.6	14.2	14.1	14.2
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_45_49	az_45_49	az_45_49	az_45_49	az_45_49
Mean	1.4	1.5	1.5	1.5	1.6
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	12.1	12.8	13.0	13.3	13.8
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 33: Number of employees aged 50 - 54

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_50_54	az_50_54	az_50_54	az_50_54	az_50_54	az_50_54
Mean	1.7	1.6	1.4	1.3	1.2	1.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	19.2	17.4	15.4	13.3	12.3	11.7
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_50_54	az_50_54	az_50_54	az_50_54	az_50_54
Mean	1.1	1.1	1.2	1.3	1.3
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	9.8	10.7	11.4	11.6	11.8
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 34: Number of employees aged 55 - 59

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_55_59	az_55_59	az_55_59	az_55_59	az_55_59	az_55_59
Mean	1.0	1.1	1.1	1.1	1.1	1.1
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	10.5	10.2	9.8	9.7	9.9	10.1
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_55_59	az_55_59	az_55_59	az_55_59	az_55_59
Mean	1.0	1.0	0.9	0.9	0.9
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	8.9	9.3	8.9	8.8	8.7
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 35: Number of employees aged 60 and older

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	az_ab60	az_ab60	az_ab60	az_ab60	az_ab60	az_ab60
Mean	0.3	0.2	0.2	0.2	0.2	0.3
Median	0.0	0.0	0.0	0.0	0.0	0.0
Std. Dev.	2.8	2.7	2.1	1.9	2.0	2.1
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	az_ab60	az_ab60	az_ab60	az_ab60	az_ab60
Mean	0.6	0.7	0.7	0.7	0.7
Median	0.0	0.0	0.0	0.0	0.0
Std. Dev.	3.5	3.9	4.1	4.3	4.4
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 36: Average age of the employees in total

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	alter_mw	alter_mw	alter_mw	alter_mw	alter_mw	alter_mw
Mean	36.7	36.9	37.2	37.4	37.5	37.7
Median	36.0	36.1	36.5	36.8	37.0	37.0
Std. Dev.	9.0	9.0	8.9	8.9	8.9	8.9
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	alter_mw	alter_mw	alter_mw	alter_mw	alter_mw
Mean	39.7	40.0	40.4	40.6	40.9
Median	38.8	39.0	39.5	40.0	40.0
Std. Dev.	9.8	10.0	10.1	10.1	10.0
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 37: Standard deviation of the average age of the employees in total

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	alter_sa	alter_sa	alter_sa	alter_sa	alter_sa	alter_sa
Mean	9.6	9.6	9.6	9.5	9.5	9.5
Median	9.9	9.9	9.8	9.7	9.7	9.6
Std. Dev.	4.5	4.5	4.4	4.4	4.4	4.4
N	1,382,676	1,403,493	1,419,415	1,427,762	1,422,123	1,433,114

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	alter_sa	alter_sa	alter_sa	alter_sa	alter_sa
Mean	10.6	10.7	10.7	10.7	10.6
Median	10.6	10.6	10.6	10.6	10.6
Std. Dev.	5.0	5.1	5.1	5.1	5.0
N	1,789,634	1,816,065	1,808,630	1,768,382	1,765,011

**Table 38: Average daily gross wage of all full-time employees
(except trainees/ apprentices and self-employed homeworkers)**

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	te_vz_mw	te_vz_mw	te_vz_mw	te_vz_mw	te_vz_mw	te_vz_mw
Mean	52.9	54.8	56.5	57.3	57.9	58.3
Median	51.3	53.2	54.9	55.7	56.1	56.2
Std. Dev.	22.7	23.2	24.0	24.4	24.9	25.6
N	1,767,273	1,785,002	1,801,905	1,805,708	1,800,688	1,829,556

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	te_vz_mw	te_vz_mw	te_vz_mw	te_vz_mw	te_vz_mw
Mean	56.0	56.5	57.5	58.2	59.0
Median	53.7	54.2	55.1	55.7	55.9
Std. Dev.	27.9	28.3	29.3	30.3	31.4
N	1,932,518	1,939,664	1,928,040	1,887,567	1,855,194

**Table 39: Standard deviation of the average daily gross wage of all full-time employees
(except trainees/ apprentices and self-employed homeworkers)**

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	te_vz_sa	te_vz_sa	te_vz_sa	te_vz_sa	te_vz_sa	te_vz_sa
Mean	14.8	15.2	15.7	15.8	16.1	16.5
Median	13.7	14.0	14.5	14.6	14.8	15.1
Std. Dev.	11.2	10.9	10.6	10.7	11.4	11.8
N	1,218,697	1,231,087	1,239,236	1,237,707	1,226,868	1,234,622

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	te_vz_sa	te_vz_sa	te_vz_sa	te_vz_sa	te_vz_sa
Mean	17.7	18.1	18.6	18.9	19.7
Median	16.3	16.7	17.3	17.5	17.9
Std. Dev.	12.6	13.4	14.4	20.1	15.9
N	1,305,994	1,310,724	1,299,379	1,271,052	1,255,099

Table 40: Average daily gross wage of the employees in total

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	te_g_mw	te_g_mw	te_g_mw	te_g_mw	te_g_mw	te_g_mw
Mean	46.1	47.7	49.1	49.6	50.1	50.5
Median	43.7	45.2	46.6	47.0	47.3	47.4
Std. Dev.	22.4	23.0	23.7	24.1	24.4	24.9
N	1,946,503	1,971,684	1,998,026	2,011,649	2,009,932	2,040,358

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	te_g_mw	te_g_mw	te_g_mw	te_g_mw	te_g_mw
Mean	38.4	38.2	38.7	39.3	39.1
Median	34.4	33.7	33.8	34.4	33.5
Std. Dev.	27.1	27.3	28.0	28.9	29.6
N	2,489,280	2,533,494	2,529,561	2,474,751	2,472,558

Table 41: Standard deviation of the average daily gross wage of the employees in total

Variables and counts by year						
	1993	1994	1995	1996	1997	1998
Variable	te_g_sa	te_g_sa	te_g_sa	te_g_sa	te_g_sa	te_g_sa
Mean	17.7	18.1	18.7	18.9	19.2	19.5
Median	17.2	17.5	18.2	18.4	18.6	18.9
Std. Dev.	11.7	12.6	11.3	11.5	11.8	12.2
N	1,382,676	1,403,493	1,419,415	1,427,762	1,422,123	1,433,114

Variables and counts by year					
	1999	2000	2001	2002	2003
Variable	te_g_sa	te_g_sa	te_g_sa	te_g_sa	te_g_sa
Mean	21.3	21.6	22.1	22.4	22.8
Median	21.0	21.2	21.7	22.0	22.1
Std. Dev.	14.2	14.6	15.0	17.5	16.3
N	1,789,634	1,816,065	1,808,630	1,768,382	1,765,011

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Appendix

Appendix 1: Earnings and marginal employment limits for contribution assessment between 1992 and 2003

Old German states									
	Pension insurance for wage-earners and salaried employees; unemployment insurance			Miner's pension insurance			Marginal employment limit		
	DM/ year	DM/ month	DM/ day	DM/ year	DM/ month	DM/ day	DM/ year	DM/ month	DM/ day
01/01–31/12/1993	86,400	7,200	236.71	106,800	8,900	292.60	6,360	530	17.42
01/01–31/12/1994	91,200	7,600	249.86	112,800	9,400	309.04	6,720	560	18.41
01/01–31/12/1995	93,600	7,800	256.44	115,200	9,600	315.62	6,960	580	19.07
01/01–31/12/1996	96,000	8,000	262.30	117,600	9,800	321.31	7,080	590	19.34
01/01–31/12/1997	98,400	8,200	269.59	121,200	10,100	332.05	7,320	610	20.05
01/01–31/12/1998	100,800	8,400	276.16	123,600	10,300	338.63	7,440	620	20.38
	€/ year	€/ month	€/ day	€/ year	€/ month	€/ day	€/ year	€/ month	€/ day
01/01–31/12/1999	52,152	4,346	142.88	63,809	5,317	174.82	3,865	322	10.59
01/01–31/12/2000	52,765	4,397	144.17	65,036	5,420	177.69	3,865	322	10.56
01/01–31/12/2001	53,379	4,448	146.24	65,650	5,471	179.86	3,865	322	10.59
01/01–31/12/2002	54,000	4,500	147.95	66,600	5,550	182.47	3,900	325	10.68
01/01–31/12/2003	61,200	5,100	167.67	75,000	6,250	205.48	4,800	400	13.15

New German states									
	Pension insurance for wage-earners and salaried employees; unemployment insurance			Miner's pension insurance			Marginal employment limit		
	DM/ year	DM/ month	DM/ day	DM/ year	DM/ month	DM/ day	DM/ year	DM/ month	DM/ day
01/01–31/12/1993	63,600	5,300	174.25	78,000	6,500	213.70	4,680	390	12.82
01/01–31/12/1994	70,800	5,900	193.97	87,600	7,300	240.00	5,280	440	14.47
01/01–31/12/1995	76,800	6,400	210.41	93,600	7,800	256.44	5,640	470	15.45
01/01–31/12/1996	81,600	6,800	222.95	100,800	8,400	275.41	6,000	500	16.39
01/01–31/12/1997	85,200	7,100	233.42	104,400	8,700	286.03	6,120	510	16.77
01/01–31/12/1998	84,000	7,000	230.14	103,200	8,600	282.74	6,240	520	17.10
	€/ year	€/ month	€/ day	€/ year	€/ month	€/ day	€/ year	€/ month	€/ day
01/01–31/03/1999	44,176	3,681	121.03	53,992	4,499	147.93	3,252	271	8.91
01/04–31/12/1999	44,176	3,681	121.03	53,992	4,499	147.93	3,865	322	10.59
01/01–31/12/2000	43,562	3,630	119.02	53,379	4,448	145.85	3,865	322	10.56
01/01–31/12/2001	44,789	3,732	122.71	55,220	4,602	151.29	3,865	322	10.59
01/01–31/12/2002	45,000	3,750	123.29	55,800	4,650	152.88	3,900	325	10.68
01/01–31/12/2003	51,000	4,250	139.73	63,000	5,250	172.60	4,800	400	13.15

Reference: Drews et al. 2006: 157f.

Appendix 2: Employers' notification of employees subject to social security and marginal part-time workers as per 01/04/1999

Meldung zur Sozialversicherung

10 Belegart

Beim Ausfüllen mit der Schreibmaschine können Sie fortlaufend schreiben; Sie brauchen die Kästchen dabei nicht zu beachten!

Wichtiger Hinweis bei der erstmaligen Erhebung von Daten:

Die hiermit angeforderten personenbezogenen Daten werden unter Beachtung des Bundesdatenschutzgesetzes erhoben; ihre Kenntnis ist zur Durchführung des Meldeverfahrens nach Maßgabe des Vierten Buches Sozialgesetzbuch sowie der Datenerfassungs- und -übermittlungs-Verordnung erforderlich.

* Hinweise siehe Rückseite

Versicherungsnummer										Personalnummer (freiwillige Angabe)									
Name, Vorsatzwort, Namenszusatz, Titel (Trennung durch Kommata)																			
Vorname																			
Straße und Hausnummer										(Anschrift nur bei Anmeldung und Anschriftenänderung)									
(Land)										Postleitzahl									
Wohnort																			

Grund der Abgabe* Kontrollmeldung Sofortmeldung Namensänderung Änderung der Staatsangehörigkeit

Beschäftigungszeit
 von bis Betriebsnummer des Arbeitgebers Personengruppe* Mehrfachbeschäftigung Betriebsstätte Ost West

Beitragsgruppen* KV RV ALV PV Angaben zur Tätigkeit Schlüssel der Staatsangehörigkeit*

Beitragspflichtiges Bruttoarbeitsentgelt (in DM ohne Pfennige / Euro ohne Cent) DM Euro

Stornierung einer bereits abgegebenen Meldung Es wurde gemeldet: Grund der Abgabe

von bis Betriebsnummer des Arbeitgebers Personengruppe* Mehrfachbeschäftigung Betriebsstätte Ost West

Beitragsgruppen* KV RV ALV PV Angaben zur Tätigkeit Schlüssel der Staatsangehörigkeit*

Beitragspflichtiges Bruttoarbeitsentgelt (in DM ohne Pfennige / Euro ohne Cent) DM Euro

Namensänderung
 Name, Vorsatzwort, Namenszusatz, Titel (Trennung durch Kommata)
 Vorname

Änderung der Staatsangehörigkeit Schlüssel der *neuen* Staatsangehörigkeit*

Wenn keine Versicherungsnummer angegeben werden kann:
 Geburtsname Geburtsort
 Geburtsdatum Geschlecht männlich weiblich
 Schlüssel der Staatsangehörigkeit*

Nur bei erstmaliger Aufnahme einer Beschäftigung von nichtdeutschen Bürgern des Europäischen Wirtschaftsraumes:
 Geburtsland (Schlüssel der Staatsangehörigkeit)* Versicherungsnummer des Staatsangehörigkeitslandes

Name der Krankenkasse (Geschäftsstelle)
 AOK BKK IKK EK LKK See-KK BKN

Datum, Name, Anschrift des Arbeitgebers
 (Firmenstempel)

Grund der Abgabe in den Meldungen nach der DEÜV

Anmeldungen

- 10 Anmeldung wegen Beginn einer Beschäftigung
- 11 Anmeldung wegen Krankenkassenwechsel
- 12 Anmeldung wegen Beitragsgruppenwechsel
- 13 Anmeldung wegen sonstiger Gründe/
Änderungen im Beschäftigungsverhältnis
z. B.
 - Anmeldung nach unbezahlem Urlaub oder Streik von mehr als einem Monat nach § 7 Abs. 3 Satz 1 SGB IV
 - Anmeldung wegen Wechsel des Entgelt-abrechnungssystems (optional)
 - Anmeldung wegen Änderung des Personengruppenschlüssels ohne Beitragsgruppenwechsel

Meldungen in Insolvenzfällen

- 70 Jahresmeldung für freigestellte Arbeiter
- 71 Meldung des Vortages der Insolvenz/
der Freistellung
- 72 Entgeltmeldung zum rechtlichen Ende
der Beschäftigung

Abmeldungen

- 30 Abmeldung wegen Beginn einer Beschäftigung
- 31 Abmeldung wegen Krankenkassenwechsel
- 32 Abmeldung wegen Beitragsgruppenwechsel
- 33 Abmeldung wegen sonstiger Gründe/Änderungen im Beschäftigungsverhältnis
- 34 Abmeldung wegen Ende einer sozialversicherungsrechtlichen Beschäftigung nach einer Unterbrechung von länger als einem Monat
- 35 Abmeldung wegen Arbeitskampf von länger als einem Monat
- 36 Abmeldung wegen Wechsel des Entgelt-abrechnungssystems (optional)
- 40 Gleichzeitige An- und Abmeldung wegen Ende der Beschäftigung
- 49 Abmeldung wegen Tod

Jahresmeldung / Unterbrechungs- meldungen / sonstige Entgeltmeldungen

- 50 Jahresmeldung
- 51 Unterbrechungsmeldung wegen Bezug von bzw. Anspruch auf Entgeltersatzleistungen
- 52 Unterbrechungsmeldung wegen Erziehungsurlaub
- 53 Unterbrechungsmeldung wegen gesetzlicher Dienstpflicht
- 54 Meldung eines einmalig gezahlten Arbeitsentgelts (Sondermeldung)

Personengruppen in den Meldungen nach der DEÜV

- | | |
|--|---|
| 101 Sozialversicherungspflichtig Beschäftigte ohne besondere Merkmale | 111 Personen in berufsfördernden Maßnahmen zur Rehabilitation |
| 102 Auszubildende | 112 Mitarbeitende Familienangehörige in der Landwirtschaft |
| 103 Beschäftigte in Altersteilzeit | 113 Nebenerwerbslandwirte |
| 104 Hausgewerbetreibende | 114 Nebenerwerbslandwirte –
saisonal beschäftigt |
| 105 Praktikanten | 116 Ausgleichsgeldempfänger nach dem FELEG |
| 106 Werkstudenten | 118 Unständig Beschäftigte |
| 107 Personen in Einrichtungen der Jugendhilfe oder in Werkstätten für Behinderte | 119 Versicherungsfreie Altersvollrentner und Versorgungsbezieher wegen Alters |
| 108 Bezieher von Vorruhestandsgeld | 120 Personen, bei denen eine Beschäftigung vermutet wird (§ 7 Abs. 4 SGB IV) |
| 109 Geringfügig entlohnte Beschäftigte nach § 8 Abs. 1 Nr. 1 SGB IV | |
| 110 Kurzfristig Beschäftigte nach § 8 Abs. 1 Nr. 2 SGB IV | |

Häufige Staatsangehörigkeiten

deutsch	000		
ägyptisch	287	luxemburgisch	143
amerikanisch	368	marokkanisch	252
athiopisch	225	niederländisch	148
belgisch	124	norwegisch	149
britisch	168	österreichisch	151
danisch	126	pakistanisch	461
finnisch	128	polnisch	152
französisch	129	portugiesisch	153
ghanaisch	238	rumänisch	154
griechisch	134	schwedisch	157
indisch	436	schweizerisch	158
iranisch	439	spanisch	161
irisch	135	thailändisch	476
islandisch	136	tschechisch	164
italienisch	137	tunesisch	285
japanisch	442	türkisch	163
jugoslawisch	138	ungarisch	165
liechtensteinisch	141		

Beitragsgruppen in den Meldungen nach der DEÜV

Die Beitragsgruppen sind so zu verschlüsseln, dass für jeden Beschäftigten in der Reihenfolge: Krankenversicherung, Rentenversicherung, Arbeitslosenversicherung und Pflegeversicherung, die jeweils zutreffende Ziffer anzugeben ist.

Krankenversicherung (KV)

- 0 kein Beitrag
- 1 allgemeiner Beitrag
- 2 erhöhter Beitrag
- 3 ermäßigter Beitrag
- 4 Beitrag zur landwirtschaftlichen KV
- 5 Arbeitgeberbeitrag zur landwirtschaftlichen KV
- 6 Pauschalbeitrag für geringfügig Beschäftigte

Rentenversicherung (RV)

- 0 kein Beitrag
- 1 voller Beitrag zur ArV
- 2 voller Beitrag zur AnV
- 3 halber Beitrag zur ArV
- 4 halber Beitrag zur AnV
- 5 Pauschalbeitrag zur ArV für geringfügig Beschäftigte
- 6 Pauschalbeitrag zur AnV für geringfügig Beschäftigte

Arbeitslosenversicherung (ALV)

- 0 kein Beitrag
- 1 voller Beitrag
- 2 halber Beitrag

Pflegeversicherung (PV)

- 0 kein Beitrag
- 1 voller Beitrag
- 2 halber Beitrag

freiwillige Krankenversicherung

- 9 Firmenzahler

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Dagmar Herrlinger

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Corresponding author

Agnes Dundler, Tel.: +49 (0) 911/179-5172

E-Mail: agnes.dundler@iab.de